

ACSS 101_04 - Fluid Responsive, Scale-Based, Contextual Spacing.webm

acss-101.sandbox.automaticcss.com

W 1684H -% 100

b

←→↺⌚⚙️🗑️+

Search elements ..

LAYOUT

Section

Container

Block

Div

BASIC

Heading

Basic Text

Rich Text

Text link

Button

Icon

Image

Video

GENERAL

Nav (Nestable)

Dropdown

Offcanvas

Toggle

Divider

Icon Box

Icon List

List

Accent heading

VIDEO

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

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Feature heading

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Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

Section

Structure

Feature Section Foxtrot

Intro Alpha

Feature Grid Foxtrot

Feature Card Foxtrot

Media Wrapper

Icon

Body

Feature Card Foxtrot

Media Wrapper

Body

Feature Card Foxtrot

Feature Card Foxtrot

Feature Card Foxtrot

Feature Card Foxtrot

Feature Card Foxtrot

CTA Links Alpha

00:34

⏮⏪⏩⏭

-34:16

Feature Section Foxtr...

#bnxe-fafd9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tagsection

Displayflex

Flex wrapNo wrap

Direction

Align self

Align main axis

Align cross axis

Column gap67.5px

Row gap67.5px

Flex grow0

Flex shrink1

Flex basisauto

Order0

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Accent heading

Your heading

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Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

+

Smart Spacing

01:29-33:21

v. 3.0.0-beta-2

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Your heading

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Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

+

02:03-32:47

Spacing

< HomeSave

Standard Spacing

Base Spacing

Mobile/Desktop

24px30px

Spacing Scale

Mobile/Desktop

1.3331.5

Section Spacing

Contextual Spacing

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

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Flex shrink

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Flex basis

auto

Order

0

Accent heading

Your heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

Spacing

< HomeSave

Standard Spacing

Base Spacing

24px36.1px

Spacing Scale

1.333

Section Spacing

Contextual Spacing

Automatic Spacing

Smart Spacing

With Shift+Up Arrow

All the spacing (padding, margin, gap etc.) is affected by this value

v. 3.0.0-beta-2

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W 1684H -% 100

02:40-32:10

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Your heading

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Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

+<=>÷

05:18-29:32

Spacing

< HomeSave

Standard Spacing

Base Spacing

Mobile/Desktop

20px30.0px

Spacing Scale

Mobile/Desktop

1.3331.5

Section Spacing

Contextual Spacing

Automatic Spacing

Smart Spacing

Make adjustments to the scale if you want to change in smaller or larger amounts

v. 3.0.0-beta-2

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tagsection

Displayflex

Flex wrapNo wrap

Direction

Align self

Align main axis

Align cross axis

Column gap67.5px

Row gap67.5px

Flex grow0

Flex shrink1

Flex basisauto

Order0

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W 1684H -% 100

Accent heading

Your heading

Sections require more spacing than other elements.

And they are Blocks (Gutter is inline)

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Primary action

+

Spacing

HomeSave

Standard Spacing

Section Spacing

Base Spacing Multiplier

Mobile/Desktop

23

Gutter

Mobile/Desktop

20px60px

Contextual Spacing

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

05:50-29:00

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

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Feature heading

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Feature heading

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Primary action

+<=>÷

Spacing

< HomeSave

Standard Spacing

Section Spacing

Base Spacing Multiplier

23

Gutter

20 px71 px

Contextual Spacing

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

If you change this number nothing is changing on screen!

06:42-28:08

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Your heading

Feature heading

Feature heading

Feature heading

Feature heading

Primary action

Spacing

< HomeSave

Standard Spacing

Section Spacing

Base Spacing Multiplier

23

Gutter

20 px71.0 px

Contextual Spacing

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

Because the gutter is not big enough to be engaged on a screen like this large desktop

06:47-28:03

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

Wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

39.6025p

Row gap

39.6025p

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 477H -% 100

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Primary action

Layout

< HomeSave

Website Dimensions

Content WidthMobile/Desktop

360px1280px

Breakpoints

Header

Content Grid

Boxed Layout

v. 3.0.0-beta-2

Keep in mind that we are looking at a 477px screen but are optimizing for a 360px screen

08:09-26:41

Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

Wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

39.6025p

Row gap

39.6025p

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

Width

77

Height

100

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

Spacing

< HomeSave

Standard Spacing

Base Spacing

20px30.0px

Spacing Scale

1.3331.5

Section Spacing

Contextual Spacing

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

So all the min values are valid for 360px!

08:28-26:22



Feature Section Foxtr...

#bnxe-faf9c1

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

Spacing

< HomeSave

Standard Spacing

Section Spacing

Base Spacing Multiplier

Mobile/Desktop

2

Column

Mobile/Desktop

20px

60px

Contextual Spacing

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

Keep in mind that the multipliers are based on the Standard Spacing. So if the standard is 30px it will be 90px in the Section

10:01-24:49

Feature Section Foxtr...

.fr-feature-section-fox...

.fr-feature-section-foxtrot

CONTENT

STYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684 H - % 100

Spacing

< Home

Save

Standard Spacing

Section Spacing

Contextual Spacing

Automatic Spacing

Smart Spacing

Auto Container Gap

Auto Content Gap

Auto Grid Gap

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

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Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

+ [] < > ÷

Even if we take out the values here there's still good looking spacing. That comes from the Automatic Spacing

v. 3.0.0-beta-2

Feature Section Foxtr...

.fr-feature-section-fox...

.fr-feature-section-foxtrot

CONTENTSTYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Your heading

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Feature heading

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Primary action

+

The values are coming from the Contextual Spacing here

Spacing

< HomeSave

Standard Spacing

Section Spacing

Contextual Spacing

Container Gap

--space-xl

Content Gap

--space-m

Grid Gap

--space-l

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

12:04-22:46

Body

.fr-feature-card-foxtro...x1

.fr-feature-card-foxtrot__body

CONTENTSTYLE

Use query loop

HTML tagdiv

Displayflex

Flex wrapNo wrap

Direction

Align self

Align main axis

Align cross axis

Column gap30px

Row gapcalc(var(--content-gap))

Flex grow0

Flex shrink1

Flex basisauto

Order0

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acss-101.sandbox.automaticcss.com

W 1684H -% 100

Accent heading

Your heading

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Feature heading

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Feature heading

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Feature heading

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Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

If you're using spacing variables all over the place with no contextual meaning you'll be in trouble once the site is finished and you want to change the spacing for Sections, Containers or Grid only. You simply can't.

But with contextual spacing you can.



Spacing

< HomeSave

Standard Spacing

Section Spacing

Contextual Spacing

Container Gap--space-xl

Content Gap--space-m

Grid Gap--space-l

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

18:56-15:54

Feature Card Foxtrot

.fr-feature-card-foxtrot

x1

CONTENT

STYLE

GRID ITEM

Grid column

auto

Grid row

auto

Use query loop

HTML tag

li

x

Display

flex

x

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

calc(var(--content-gap))

Row gap

var(--content-gap)

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Your heading

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Feature heading

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Feature heading



Spacing

< Home

Save

Standard Spacing

Section Spacing

Contextual Spacing

Container Gap

--space-xl

Content Gap

--space-xxl

Grid Gap

--space-m

Automatic Spacing

Smart Spacing

This is a scenario where the content goes too far away from the icon if we change the Contextual Gap. Therefore we use a normal variable instead of the contextual variables (see next chart)

24:50

-10:00

v. 3.0.0-beta-2

The image is a screenshot of a web browser displaying a design tool interface. The browser's address bar shows the URL 'acss-101.sandbox.automaticcss.com'. The page content features a heading 'Your heading' and several 'Feature heading' blocks. A yellow callout box points to the 'Column gap' property in the left sidebar, which is set to 'var(--space-s)'. The right sidebar shows the 'Spacing' panel with various gap and padding settings. A video player at the bottom shows a man speaking.

Feature Card Foxtrot

.fr-feature-card-foxtrot

x1

CONTENT

STYLE

GRID ITEM

Grid column

auto

Grid row

auto

Use query loop

HTML tag

li

x

Display

flex

x

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

var(--space-s)

2

Row gap

var(--content-gap)

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684H -% 100

Accent heading

Now if we change the Contextual Content Gap the distance between the icon and the heading stays always the same

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Primary action

Spacing

< Home

Save

Standard Spacing

Section Spacing

Contextual Spacing

Container Gap

--space-xl

Content Gap

1

--space-l

Grid Gap

--space-m

Automatic Spacing

Smart Spacing

v. 3.0.0-beta-2

25:23

-09:27

Feature Section Foxtr...

.fr-feature-section-fox...

.fr-feature-section-foxtrot

.section--l

CONTENT

STYLE

Use query loop

HTML tag

section

Display

flex

Flex wrap

No wrap

Direction

Align self

Align main axis

Align cross axis

Column gap

67.5px

Row gap

67.5px

Flex grow

0

Flex shrink

1

Flex basis

auto

Order

0

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W 1684 H - % 100

Structure

Feature Section Foxtrot

Now we have 2 classes for this only Section and the original values are still there but overwritten by the Utility class

These Section classes leave your gutter alone and change only top and bottom values

Feature heading

Feature heading

Feature heading

Feature heading

Primary action

28:11

-06:38

Feature Section Foxtr...

.fr-feature-section-fox...

.fr-feature-section-foxtrot

CONTENTSTYLE

LAYOUT

SPACING

Margin

Padding

var(--section-space)

padding-bottom

--section-space-xs

SIZING

Width

Min. width

Max. width

Height

Min. height

Max. height

Aspect ratio

POSITIONING

Position

static

Top

Right

Bottom

Left

Z-index

0

ACSS 101_04 - Fluid Responsive, Scale-Based, Contextual Spacing.webm

acss-101.sandbox.automaticcss.com

W 1684H -% 100

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action

+[]↔↕

Now the change is inside the class and valid for all other Sections which share the same class

Structure

Feature Section Foxtrot

Intro Alpha

Feature Grid Foxtrot

CTA Links Alpha

29:38

05:12

The image is a screenshot of a web browser displaying a design tool interface. The browser's address bar shows the URL 'acss-101.sandbox.automaticcss.com'. The design tool has a dark sidebar on the left with sections for 'Feature Section Foxtr...', 'LAYOUT', 'SPACING' (Margin, Padding), 'SIZING' (Width, Min. width, Max. width, Height, Min. height, Max. height, Aspect ratio), and 'POSITIONING' (Position, Top, Right, Bottom, Left). A yellow callout box with a yellow arrow points to the 'STYLE' tab in the sidebar, containing the text: 'This Utility class takes away the block padding but leaves the gutter alone'. The main content area shows a grid layout with a heading 'Your heading' and several columns of text. A 'Primary action' button is visible at the bottom of the grid. On the right side, there is a 'Structure' panel showing a tree view of the page elements. At the bottom of the browser window, a video player is visible, showing a man wearing a cap and glasses. The video player controls show a progress bar at 30:13 and a total duration of -04:37.

Feature Section Foxtr...

.padding--none

.fr-feature-section-foxtrot

.padding--none

CONTENTSTYLE

LAYOUT

SPACING

Margin

Padding

SIZING

Width

Min. width

Max. width

Height

Min. height

Max. height

Aspect ratio

POSITIONING

Positionstatic

Top

Right

Bottom

Left

ACSS 101_04 - Fluid Responsive, Scale-Based, Contextual Spacing.webm

acss-101.sandbox.automaticcss.com

W 1684H -% 100

Accent heading

Your heading

osum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Feature heading

Primary action



Structure

Feature Section Foxtrot

Intro Alpha

Feature Grid Foxtrot

CTA Links Alpha

Takes away ALL padding

30:37

04:13

Intro Alpha

#brxe-5ba21f1

gap

ELEMENT CLASSES

.fr-intro-alpha

OTHER CLASSES (85)

.gap--none

.gap--xs

.gap--s-xs

.gap--m-xs

.gap--l-xs

.gap--xl-xs

.gap--s

.gap--s-s

.gap--m-s

.gap--l-s

.gap--xl-s

.gap--m

.gap--s-m

.gap--m-m

.gap--l-m

.gap--xl-m

.gap--l

.gap--s-l

Flex basis

auto

Order

0

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acss-101.sandbox.automaticcss.com

W 1684H -% 100

Structure

Feature Section Foxtrot

Intro Alpha

Feature Grid Foxtrot

CTA Links Alpha

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

We have a lot of gap classes

Feature heading

Feature heading

Feature heading

But in most cases you'll use Grid Gap or Container Gap or Content Gap known as the Contextual spacing!

Primary action

31:18-03:32

Heading

#bnxe-6691831

automatic.css1x

margin

Margin

Top

XS

S

M

L

XL

XXL

Bottom

XS

S

M

L

XL

XXL

Left

XS

S

M

L

XL

XXL

Right

XS

margin-right--xl

M

L

XL

XXL

List/Markers

List Styling

none

Primary

Neutral

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acss-101.sandbox.automaticcss.com

W 1684H -% 100

Structure

Feature Section Foxtrot

Intro Alpha

Accent Heading

Heading

Lede

Feature Grid Foxtrot

CTA Links Alpha

Accent heading

Your heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

Primary action



We also can do Margin on every side of the element

Feature heading

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt.

31:54

-02:56

The image is a screenshot of a web browser displaying a design tool interface. The browser's address bar shows the URL 'acss-101.sandbox.automaticcss.com'. The interface is divided into three main sections: a left sidebar, a central canvas, and a right sidebar. The left sidebar, titled 'Heading', contains a search bar, a list of CSS classes, and a 'STYLE' tab. A yellow arrow points to the class '.margin-top--m' in the list. The central canvas shows a wireframe of a webpage with various sections: 'Accent heading', 'Your heading', a paragraph of Lorem Ipsum, and six 'Feature heading' blocks arranged in a 2x3 grid. A 'Primary action' button is located at the bottom center. The right sidebar, titled 'Structure', shows a hierarchical tree of the page's components. At the bottom of the browser window, a video player controls are visible, indicating the screenshot was taken from a video recording.