

Converting Colors

XYZ(43.5303, 50.7838, 35.9417)

Have a look what the booklet for
XYZ(43.5303, 50.7838, 35.9417)
contains.

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Color

**XYZ(43.5303, 50.7838,
35.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C395
RGB	179, 195, 149
RGB Percent	70%, 76%, 58%
CMY	0.2980, 0.2353, 0.4157
CMYK	0.08, 0.00, 0.24, 0.24
HSL	81°, 28%, 67%
HSV	81°, 24%, 76%
XYZ	43.5303, 50.7838, 35.9417
YIQ	184.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

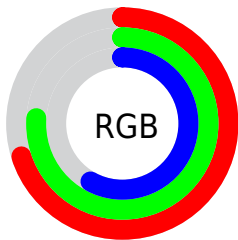
Format	Color
RYB	149, 195, 165
Decimal	11781013
CIELab	76.55, -13.50, 21.34
CIElCh	77, 25.257, 122.323
Yxy	50.7838, 0.3342, 0.3899
Android (android.graphics.Color)	4289971093 (0xFFB3C395)
YUV	184.9720, -17.7342, -5.2374
Hunter-Lab	71.2628, -15.6745, 19.9807

Details

The XYZ color **43.5303, 50.7838, 35.9417** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1168, 33.4357, 56.1827**, and the grayscale version is **46.1931, 48.5987, 52.9240**.

A 20% lighter version of the original color is **79.8508, 91.5948, 69.9709**, and **20.3337, 24.3672, 15.1869** is the 20% darker color. If you saturate the color by 10%, you get **40.5728, 49.4258, 28.3457**, and if you desaturate by 10%, it is **46.8283, 52.2903, 44.9165**.

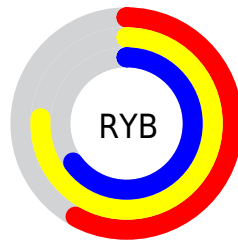
Distribution



Red (70%)

Green (76%)

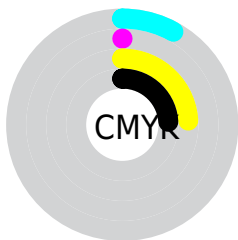
Blue (58%)



Red (58%)

Yellow (76%)

Blue (65%)

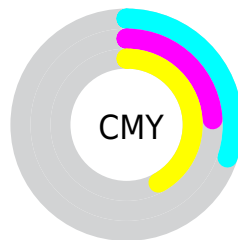


Cyan (8%)

Magenta (0%)

Yellow (24%)

Black (24%)



Cyan (30%)


Magenta (24%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5303, 50.7838, 35.9417 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.5303, 50.7838, 35.9417 by changing the saturation by 10% instead.

 43.5303, 50.7838,
35.9417


 43.5303, 50.7838,
35.9417


351.6728,
389.7232, 343.7354

 30.4977, 36.0366,
24.0998


 79.7612, 91.3351,
70.1101

 20.3666, 24.4624,
15.1948


 103.6903,
117.9080, 93.2737

 12.7716, 15.6770,
8.8081


131.9823,
149.1915, 121.0483

 7.3474, 9.2959,
4.5211

165.0025,
185.5702, 153.8525

 3.7286, 4.9347,
1.9154

203.1163,
227.4282, 192.1047

 1.5497, 2.2090,
0.5025

246.6890,

 0.3593, 0.7249,

275.1502, 236.2236

0.0000

296.0861,
329.1204, 286.6276

■ 0.0000, 0.0000,
0.0000

■ 43.5303, 50.7838,
35.9417

■ 43.5303, 50.7838,
35.9417

■ 40.5728, 49.4258,
28.3457

■ 46.8283, 52.2903,
44.9165

■ 37.9378, 48.2039,
22.0568

■ 50.4760, 53.9441,
55.3303

■ 35.6114, 47.1140,
17.0019

■ 54.4871, 55.7523,
67.2439

■ 33.5770, 46.1495,
13.0993

■ 58.8733, 57.7199,
80.7137

■ 31.8160, 45.3028,
10.2574

■ 63.6458, 59.8514,
95.7929

■ 30.3072, 44.5651,
8.3710

■ 66.9921, 61.4219,
102.9325

■ 29.0252, 43.9264,
7.3129

■ 69.0837, 62.5002,
103.0304

■ 28.2930, 43.5569,
6.9161

■ 71.2596, 63.6219,
103.1322

■ 73.5207, 64.7875,
103.2380

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.8978, 50.7838, 32.9896



43.5303, 50.7838, 35.9417



40.5959, 50.7838, 43.9734

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.5303, 50.7838, 35.9417



44.1339, 50.7838, 81.9600



58.0211, 50.7838, 54.2374

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.5303, 50.7838, 35.9417



36.1168, 33.4357, 56.1827

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.8516, 50.7838, 68.4099



43.5303, 50.7838, 35.9417



48.6411, 50.7838, 85.8991

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.5303, 50.7838, 35.9417



40.9279, 50.7838, 70.5564



53.3386, 50.7838, 80.5842



56.4381, 50.7838, 42.4099

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.5303, 50.7838, 35.9417



39.7405, 50.7838, 51.8609



53.3386, 50.7838, 80.5842



57.9368, 50.7838, 58.8773

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.5316, 50.7860, 35.9428



88.0274, 95.5367, 92.2305



41.2675, 40.4440, 34.0659



19.1878, 20.8811, 19.9414



0.0000, 0.0000, 0.0000



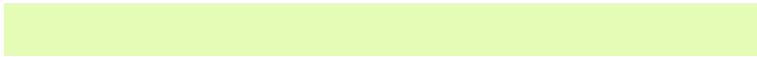
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.5316, 50.7860, 35.9428



75.3212, 89.7424, 57.4804



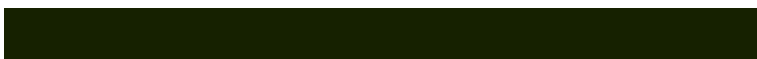
38.7812, 48.3371, 35.7205



10.5623, 11.5773, 10.7398



18.4815, 28.3564, 4.4993



0.8705, 1.2623, 0.1978

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.1168, 33.4357, 56.1827



59.8740, 53.5888, 99.6578



41.1747, 36.0432, 56.4194



9.8514, 9.9146, 12.6793



8.0269, 3.3984, 33.7895



0.4218, 0.1855, 1.4635

Previews

White Background



This preview shows how the XYZ color 43.5303, 50.7838, 35.9417 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.5303, 50.7838, 35.9417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5303, 50.7838, 35.9417

Background



This preview shows how black text looks on a background with the XYZ color 43.5303, 50.7838, 35.9417.



This preview shows how white text looks on a background with the XYZ color 43.5303, 50.7838,

35.9417.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.5303, 50.7838, 35.9417

Protanopia

47.2589, 50.4593, 34.4429

Deuteranopia

51.4048, 50.3748, 36.7198



Tritanopia

49.2562, 50.8430, 63.7175

Trichromacy



Original Color

43.5303, 50.7838, 35.9417

Protanomaly

45.8896, 50.7056, 34.9723

Deuteranomaly

48.0467, 50.1895, 36.4334

Tritanomaly

46.9452, 50.8708, 52.1445

Monochromacy



Original Color

43.5303, 50.7838, 35.9417

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1724, 49.4410, 46.1920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5303, 50.7838, 35.9417 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 195, 149)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 195, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 149) }
```

Border

The CSS property to change the border of an element to XYZ 43.5303, 50.7838, 35.9417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 195, 149) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 195, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 195, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 149);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5303, 50.7838, 35.9417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
195, 149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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