

Converting Colors

XYZ(45.3516, 45.3363, 50.3121)

Have a look what the booklet for
XYZ(45.3516, 45.3363, 50.3121)
contains.

XYZ(45.3517, 45.4632, 50.1011)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.3517, 45.4632,
50.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB0B5
RGB	191, 176, 181
RGB Percent	75%, 69%, 71%
CMY	0.2510, 0.3098, 0.2902
CMYK	0.00, 0.08, 0.05, 0.25
HSL	340°, 10%, 72%
HSV	340°, 8%, 75%
XYZ	45.3517, 45.4632, 50.1011
YIQ	181.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

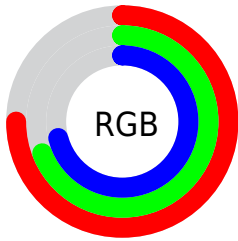
Format	Color
RYB	191, 176, 181
Decimal	12562613
CIELab	73.20, 6.25, -0.62
CIELCh	73, 6.276, 354.347
Yxy	45.4632, 0.3218, 0.3226
Android (android.graphics.Color)	4290752693 (0xFFBFB0B5)
YUV	181.0550, -0.0271, 8.7218
Hunter-Lab	67.4264, 2.0647, 3.1431

Details

The XYZ color **45.3517, 45.4632, 50.1011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3999, 50.0381, 53.7223**, and the grayscale version is **43.9491, 46.2379, 50.3531**.

A 20% lighter version of the original color is **82.5004, 83.6018, 91.9093**, and **21.5852, 21.3771, 23.4106** is the 20% darker color. If you saturate the color by 10%, you get **40.6196, 37.9952, 42.3684**, and if you desaturate by 10%, it is **50.7328, 54.0369, 58.6407**.

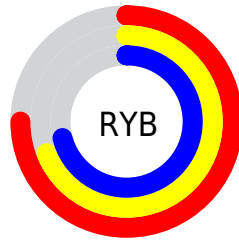
Distribution



Red (75%)

Green (69%)

Blue (71%)



Red (75%)

Yellow (69%)

Blue (71%)

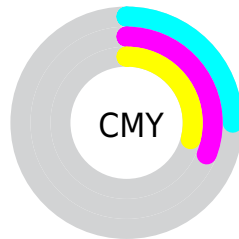


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3517, 45.4632, 50.1011 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 45.3517, 45.4632, 50.1011 by changing the saturation by 10% instead.

■ 45.3517, 45.4632,
50.1011

■ 45.3517, 45.4632,
50.1011

358.9559,
368.6463, 403.8076

■ 31.9370, 31.8224,
35.1220

■ 82.4817, 83.4151,
91.7225

■ 21.4687, 21.2259,
23.4726

106.9278,
108.4949, 119.2019

■ 13.5814, 13.2892,
14.7343

135.7817,
138.1566, 151.6851

■ 7.9099, 7.6280,
8.4885

169.4087,
172.7846, 189.5907

■ 4.0887, 3.8579,
4.3169

208.1743,
212.7631, 233.3372

■ 1.7524, 1.5944,
1.8008

252.4438,

■ 0.4887, 0.3538,

258.4766, 283.3431

0.4285

302.5825,
310.3096, 340.0271

■ 0.0000, 0.0000,
0.0000

■ 45.3517, 45.4632,
50.1011

■ 45.3517, 45.4632,
50.1011

■ 40.6196, 37.9952,
42.3684

■ 50.7328, 54.0369,
58.6407

■ 36.5075, 31.5817,
35.4157

■ 56.7827, 63.7526,
68.0072

■ 32.9901, 26.1768,
29.2185

■ 63.5252, 74.6526,
78.2237

■ 30.0386, 21.7283,
23.7501

■ 70.9816, 86.7750,
89.3113

■ 27.6217, 18.1798,
18.9821

■ 73.6790, 89.1696,
99.4595

■ 25.7051, 15.4687,
14.8841

■ 75.2962, 89.8165,
107.9755

■ 24.2501, 13.5241,
11.4230

■ 23.2120, 12.2636,
8.5625

■ 22.5252, 11.5634,
6.2575

Harmonies

Analogous

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



44.9538, 45.4632, 53.1190



45.3517, 45.4632, 50.1011



45.1682, 45.4632, 47.0449

Triad

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



45.3517, 45.4632, 50.1011



42.3448, 45.4632, 44.1828



41.9896, 45.4632, 54.5914

Complementary

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



45.3517, 45.4632, 50.1011



45.3999, 50.0381, 53.7223

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.



41.3120, 45.4632, 52.0425



45.3517, 45.4632, 50.1011



41.5146, 45.4632, 46.0525

Square

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



45.3517, 45.4632, 50.1011



43.4202, 45.4632, 43.7122



41.1395, 45.4632, 48.9071



43.0033, 45.4632, 55.7811

Rectangle

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



45.3517, 45.4632, 50.1011



44.7425, 45.4632, 45.3850



41.1395, 45.4632, 48.9071



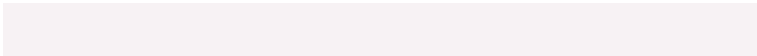
41.7157, 45.4632, 53.8601

Sweetspot

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



45.3530, 45.4652, 50.1021



86.6905, 90.1171, 98.4541



45.1806, 45.2534, 55.6444



19.0581, 19.8235, 21.6540



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



45.3530, 45.4652, 50.1021



80.0680, 79.5911, 87.8639



45.3439, 46.2530, 47.6144



9.6578, 9.5874, 10.5868



14.7555, 7.5333, 4.0059



0.6090, 0.3075, 0.3200

Inverse Universe

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



45.3530, 45.4652, 50.1021



80.0680, 79.5911, 87.8639



45.4002, 49.1735, 56.3895



9.6578, 9.5874, 10.5868



14.7555, 7.5333, 4.0059



0.6090, 0.3075, 0.3200

Previews

White Background



This preview shows how the XYZ color 45.3517, 45.4632, 50.1011 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 45.3517, 45.4632, 50.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

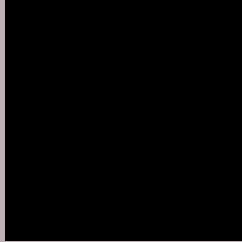
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.3517, 45.4632, 50.1011

Background



This preview shows how black text looks on a background with the XYZ color 45.3517, 45.4632, 50.1011.



This preview shows how white text looks on a background with the XYZ color 45.3517, 45.4632,

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

45.3517, 45.4632, 50.1011

Protanopia

43.9587, 45.6042, 51.2854

Deuteranopia

46.2415, 45.3441, 50.0312



Tritanopia

46.2535, 45.5405, 54.4965

Trichromacy



Original Color

45.3517, 45.4632, 50.1011

Protanomaly

44.3715, 45.5325, 50.7060

Deuteranomaly

45.9186, 45.4655, 50.0716

Tritanomaly

45.9311, 45.4116, 52.7989

Monochromacy



Original Color

45.3517, 45.4632, 50.1011

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.4682, 45.8907, 50.2301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3517, 45.4632, 50.1011 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(191, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 181)  
}
```

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(191, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.3517, 45.4632, 50.1011 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(191, 176, 181) }
```


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

```
.border{ border-color:rgb(191, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 176,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3517, 45.4632, 50.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 181) }
```

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

```
.background{ background-color: rgb(191,  
176, 181) }
```

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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