

Converting Colors

XYZ(46.6315, 45.1644, 50.9161)

Have a look what the booklet for
XYZ(46.6315, 45.1644, 50.9161)
contains.

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Color

**XYZ(46.7795, 45.3118,
51.0803)**

Conversions

Conversions Part 1	
Format	Color
Hex	C6ADB7
RGB	198, 173, 183
RGB Percent	78%, 68%, 72%
CMY	0.2235, 0.3216, 0.2823
CMYK	0.00, 0.13, 0.08, 0.22
HSL	336°, 18%, 73%
HSV	336°, 13%, 78%
XYZ	46.7795, 45.3118, 51.0803
YIQ	181.6150, 11.6900, 8.4100

Conversions

Conversions Part 2

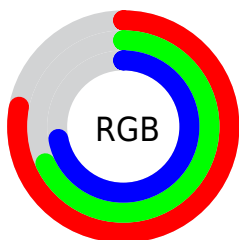
Format	Color
RYB	198, 173, 183
Decimal	13020599
CIELab	73.10, 10.73, -1.79
CIELCh	73, 10.879, 350.537
Yxy	45.3118, 0.3267, 0.3165
Android (android.graphics.Color)	4291210679 (0xFFC6ADB7)
YUV	181.6150, 0.6828, 14.3696
Hunter-Lab	67.3140, 6.2480, 2.1285

Details

The XYZ color **46.7795, 45.3118, 51.0803** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5065, 52.9044, 55.3398**, and the grayscale version is **44.2471, 46.5514, 50.6945**.

A 20% lighter version of the original color is **84.5634, 82.9788, 93.2209**, and **22.3682, 21.2157, 24.0352** is the 20% darker color. If you saturate the color by 10%, you get **42.0758, 37.8002, 43.6665**, and if you desaturate by 10%, it is **52.1529, 53.9944, 59.2336**.

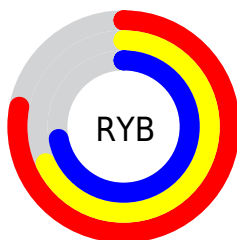
Distribution



Red (78%)

Green (68%)

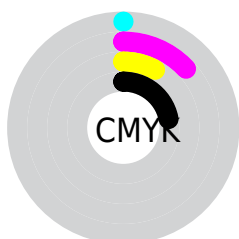
Blue (72%)



Red (78%)

Yellow (68%)

Blue (72%)

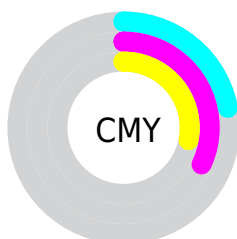


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (32%)


Yellow (28%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 46.7795, 45.3118, 51.0803 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 46.7795, 45.3118, 51.0803 by changing the saturation by 10% instead.


 46.7795, 45.3118,
51.0803

 46.7795, 45.3118,
51.0803


364.5973,
368.0349, 407.7311

 33.0686, 31.7031,
35.8953


 84.6051, 83.1881,
93.1862

 22.3385, 21.1348,
24.0643


109.4506,
108.2245, 120.9442

 14.2238, 13.2226,
15.1687


138.7382,
137.8389, 153.7303

 8.3592, 7.5820,
8.7899

172.8335,
172.4157, 191.9630

 4.3794, 3.8287,
4.5095

212.1017,
212.3393, 236.0609

 1.9189, 1.5782,
1.9088


256.9081,


 0.5878, 0.3428,


257.9941, 286.4426


0.4983


307.6182,
309.7645, 343.5265


 0.0000, 0.0000,
0.0000


 46.7795, 45.3118,
51.0803

 46.7795, 45.3118,
51.0803


 42.0758, 37.8002,
43.6665


 52.1529, 53.9944,
59.2336


 38.0107, 31.4034,
36.9674


 58.2176, 63.8893,
68.1441


 34.5562, 26.0693,
30.9613

 64.9993, 75.0432,
77.8327

 31.6810, 21.7392,
25.6237

 72.5209, 87.4984,
88.3186

 29.3504, 18.3490,
20.9290

 75.1375, 89.9613,
97.7310

■ 27.5262, 15.8267,
16.8493

■ 76.9849, 90.7003,
107.4596

■ 26.1646, 14.0900,
13.3542

■ 77.0989, 90.7459,
108.0599

■ 25.2135, 13.0402,
10.4095

■ 24.7070, 12.5731,
8.5572

Harmonies

Analogous

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



45.9554, 45.3118, 56.3033



46.7795, 45.3118, 51.0803



46.5866, 45.3118, 45.7502

Triad

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



46.7795, 45.3118, 51.0803



41.7962, 45.3118, 40.1577



40.7829, 45.3118, 57.8798

Complementary

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



46.7795, 45.3118, 51.0803



46.5065, 52.9044, 55.3398

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.



39.7302, 45.3118, 53.1062



46.7795, 45.3118, 51.0803



40.3032, 45.3118, 42.9701

Square

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



46.7795, 45.3118, 51.0803



43.6720, 45.3118, 39.7030



39.5573, 45.3118, 47.6335



42.4686, 45.3118, 60.4152

Rectangle

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



46.7795, 45.3118, 51.0803



45.9093, 45.3118, 42.8330



39.5573, 45.3118, 47.6335



40.3454, 45.3118, 56.4679

Sweetspot

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



46.7808, 45.3138, 51.0813



90.9120, 93.2759, 102.7363



45.8773, 44.6579, 59.6285



19.2972, 19.7027, 21.7470



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.



46.7808, 45.3138, 51.0813



80.5606, 76.5858, 86.9155



46.2605, 45.8798, 45.9551



10.8067, 10.7061, 11.9652



16.1071, 8.1924, 5.7741



0.7983, 0.4022, 0.4609

Inverse Universe

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



46.7808, 45.3138, 51.0813



80.5606, 76.5858, 86.9155



47.0554, 52.2173, 61.0255



10.8067, 10.7061, 11.9652



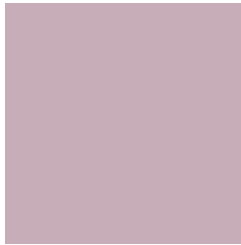
16.1071, 8.1924, 5.7741



0.7983, 0.4022, 0.4609

Previews

White Background



This preview shows how the XYZ color 46.7795, 45.3118, 51.0803 looks on a white background.

Color Contrast Check

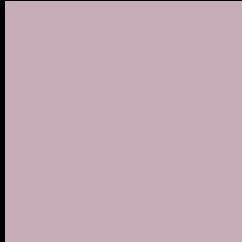
Large Text (above 18pt) WCAG AA × Fail

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 46.7795, 45.3118, 51.0803 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 46.7795, 45.3118, 51.0803

Background



This preview shows how black text looks on a background with the XYZ color 46.7795, 45.3118, 51.0803.



This preview shows how white text looks on a background with the XYZ color 46.7795, 45.3118,

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

46.7795, 45.3118, 51.0803

Protanopia

44.0391, 45.6091, 52.9367

Deuteranopia

46.1890, 45.2931, 51.1078



Tritanopia

47.0952, 45.4381, 52.7426

Trichromacy



Original Color
46.7795, 45.3118, 51.0803

Protanomaly
44.9726, 45.5119, 52.3133

Deuteranomaly
46.4482, 45.4268, 51.1199

Tritanomaly
46.9892, 45.3957, 52.1846

Monochromacy



Original Color
46.7795, 45.3118, 51.0803

Achromatopsia
44.4628, 46.7784, 50.9417

Achromatomaly
45.3026, 46.3090, 50.8068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7795, 45.3118, 51.0803 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(198, 173, 183) looks like.

```
.text, #text, p{  
    color:rgb(198, 173, 183)  
}
```

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(198, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 173, 183) }
```

Border

The CSS property to change the border of an element to XYZ 46.7795, 45.3118, 51.0803 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(198, 173, 183) }
```


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

```
.border{ border-color:rgb(198, 173, 183) }
```

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

Here you see how a box with a 4 pixel rgb(198, 173, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(198, 173,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7795, 45.3118, 51.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 173, 183) }
```

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

```
.background{ background-color: rgb(198,  
173, 183) }
```

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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