

Converting Colors

XYZ(46.4049, 46.0791, 51.5898)

Have a look what the booklet for
XYZ(46.4049, 46.0791, 51.5898)
contains.

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Color

**XYZ(46.4252, 45.9807,
51.7757)**

Conversions

Conversions Part 1	
Format	Color
Hex	C2B0B8
RGB	194, 176, 184
RGB Percent	76%, 69%, 72%
CMY	0.2392, 0.3098, 0.2784
CMYK	0.00, 0.09, 0.05, 0.24
HSL	333°, 13%, 73%
HSV	333°, 9%, 76%
XYZ	46.4252, 45.9807, 51.7757
YIQ	182.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

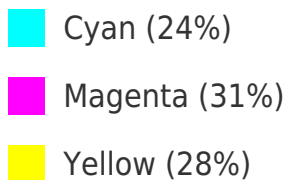
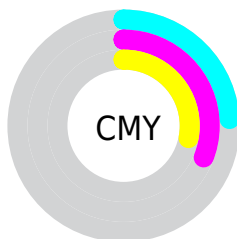
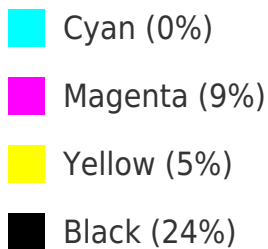
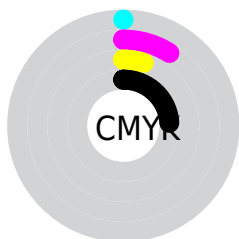
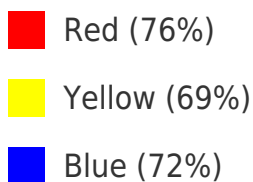
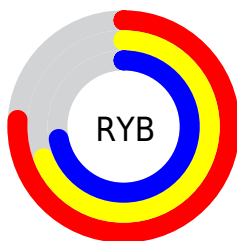
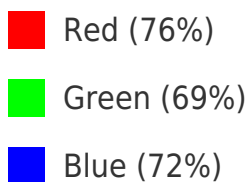
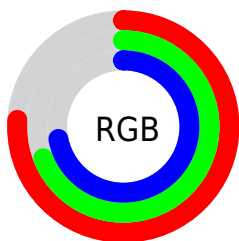
Format	Color
RYB	194, 176, 184
Decimal	12759224
CIELab	73.53, 7.85, -1.74
CIELCh	74, 8.041, 347.515
Yxy	45.9807, 0.3220, 0.3189
Android (android.graphics.Color)	4290949304 (0xFFC2B0B8)
YUV	182.2940, 0.8411, 10.2662
Hunter-Lab	67.8091, 3.5434, 2.1954

Details

The XYZ color **46.4252, 45.9807, 51.7757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0610, 51.3601, 53.9427**, and the grayscale version is **44.6172, 46.9407, 51.1185**.

A 20% lighter version of the original color is **84.3685, 84.5137, 94.3042**, and **22.1196, 21.6294, 24.4818** is the 20% darker color. If you saturate the color by 10%, you get **41.8029, 38.4755, 44.8709**, and if you desaturate by 10%, it is **51.6799, 54.6116, 59.3173**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4252, 45.9807, 51.7757 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 46.4252, 45.9807, 51.7757 by changing the saturation by 10% instead.


 46.4252, 45.9807,
51.7757

 46.4252, 45.9807,
51.7757


363.2028,
370.7311, 410.5024

 32.7875, 32.2306,
36.4453


 84.0790, 84.1901,
94.2236

 22.1222, 21.5377,
24.4859


108.8258,
109.4182, 122.1781

 14.0638, 13.5176,
15.4789


138.0063,
139.2411, 155.1778

 8.2471, 7.7859,
9.0059

171.9860,
174.0431, 193.6412

 4.3066, 3.9583,
4.6481

211.1301,
214.2088, 237.9868

 1.8770, 1.6502,
1.9872


255.8040,


 0.5634, 0.3911,


260.1224, 288.6332


0.5474


306.3732,
312.1683, 345.9988


 0.0000, 0.0000,
0.0000


 46.4252, 45.9807,
51.7757


 46.4252, 45.9807,
51.7757


 41.8029, 38.4755,
44.8709

 51.6799, 54.6116,
59.3173


 37.7841, 32.0433,
38.5822


 57.5865, 64.4059,
67.5096


 34.3437, 26.6362,
32.8920

 64.1684, 75.4074,
76.3699

 31.4530, 22.2003,
27.7806

 71.4468, 87.6554,
85.9138

 29.0808, 18.6765,
23.2273

 73.4264, 89.1567,
94.1511

■ 27.1928, 15.9995,
19.2095

■ 75.0574, 89.8091,
102.7400

■ 25.7498, 14.0951,
15.7027

■ 76.0584, 90.2095,
108.0112

■ 24.7064, 12.8760,
12.6798

■ 23.9832, 12.1878,
10.1016

Harmonies

Analogous

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



45.7490, 45.9807, 55.5375



46.4252, 45.9807, 51.7757



46.3606, 45.9807, 47.7472

Triad

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



46.4252, 45.9807, 51.7757



42.8862, 45.9807, 42.9685



41.8840, 45.9807, 56.0594

Complementary

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



46.4252, 45.9807, 51.7757



46.0610, 51.3601, 53.9427

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.



41.1495, 45.9807, 52.4569



46.4252, 45.9807, 51.7757



41.7194, 45.9807, 44.9646

Square

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



46.4252, 45.9807, 51.7757



44.2965, 45.9807, 42.8082



41.0899, 45.9807, 48.3927



43.1153, 45.9807, 58.0992

Rectangle

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



46.4252, 45.9807, 51.7757



45.9062, 45.9807, 45.4502



41.0899, 45.9807, 48.3927



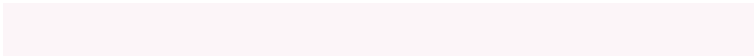
41.5720, 45.9807, 54.9824

Sweetspot

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



46.4265, 45.9827, 51.7767



89.9039, 92.8020, 102.1778



45.4900, 45.3745, 57.4001



19.5162, 20.0402, 22.1299



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.



46.4265, 45.9827, 51.7767



82.4359, 80.5730, 91.3432



45.7886, 46.0108, 47.5444



10.2550, 10.1506, 11.4333



15.7772, 8.0006, 6.7387



0.7163, 0.3595, 0.4736

Inverse Universe

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



46.4265, 45.9827, 51.7767



82.4359, 80.5730, 91.3432



46.7356, 51.3104, 58.4802



10.2550, 10.1506, 11.4333



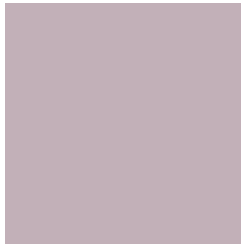
15.7772, 8.0006, 6.7387



0.7163, 0.3595, 0.4736

Previews

White Background



This preview shows how the XYZ color 46.4252, 45.9807, 51.7757 looks on a white background.

Color Contrast Check

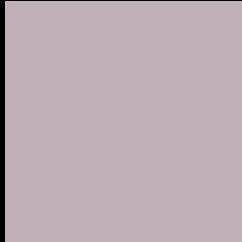
Large Text (above 18pt) WCAG AA × Fail

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 46.4252, 45.9807, 51.7757 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 46.4252, 45.9807, 51.7757

Background



This preview shows how black text looks on a background with the XYZ color 46.4252, 45.9807, 51.7757.



This preview shows how white text looks on a background with the XYZ color 46.4252, 45.9807,

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

46.4252, 45.9807, 51.7757

Protanopia

44.4756, 46.1328, 53.0148

Deuteranopia

47.0077, 45.9910, 51.7470



Tritanopia

47.0210, 45.9362, 54.5324

Trichromacy



Original Color
46.4252, 45.9807, 51.7757

Protanomaly
45.1268, 46.1821, 52.4345

Deuteranomaly
46.7467, 45.8564, 51.7348

Tritanomaly
46.8053, 45.8499, 53.3967

Monochromacy



Original Color
46.4252, 45.9807, 51.7757

Achromatopsia
44.4628, 46.7784, 50.9417

Achromatomaly
45.1182, 46.5005, 51.3973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4252, 45.9807, 51.7757 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(194, 176, 184) looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 184)  
}
```

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(194, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 184) }
```

Border

The CSS property to change the border of an element to XYZ 46.4252, 45.9807, 51.7757 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(194, 176, 184) }
```


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

```
.border{ border-color:rgb(194, 176, 184) }
```

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

Here you see how a box with a 4 pixel rgb(194, 176, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4252, 45.9807, 51.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 184) }
```

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

```
.background{ background-color: rgb(194,  
176, 184) }
```

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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