

Converting Colors

XYZ(50.0634, 48.3431, 56.5617)

Have a look what the booklet for
XYZ(50.0634, 48.3431, 56.5617)
contains.

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Color

**XYZ(50.0634, 48.3431,
56.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	CBB2C0
RGB	203, 178, 192
RGB Percent	80%, 70%, 75%
CMY	0.2039, 0.3019, 0.2471
CMYK	0.00, 0.12, 0.05, 0.20
HSL	326°, 19%, 75%
HSV	326°, 12%, 80%
XYZ	50.0634, 48.3431, 56.5617
YIQ	187.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

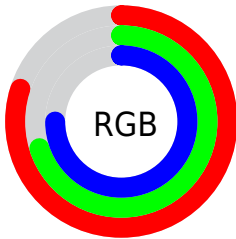
Format	Color
R _Y B	203, 178, 192
Decimal	13349568
CIE Lab	75.04, 11.38, -3.81
CIE LCh	75, 12.001, 341.501
Yxy	48.3431, 0.3231, 0.3120
Android (android.graphics.Color)	4291539648 (0xFFCBB2C0)
YUV	187.0710, 2.4300, 13.9697
Hunter-Lab	69.5292, 6.8500, 0.4383

Details

The XYZ color **50.0634, 48.3431, 56.5617** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9032, 55.8522, 56.3498**, and the grayscale version is **47.2579, 49.7190, 54.1440**.

A 20% lighter version of the original color is **87.6061, 86.8829, 100.9597**, and **24.3882, 22.9209, 27.5649** is the 20% darker color. If you saturate the color by 10%, you get **45.3597, 40.4715, 50.2579**, and if you desaturate by 10%, it is **55.4276, 57.4384, 63.3833**.

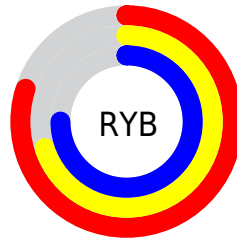
Distribution



Red (80%)

Green (70%)

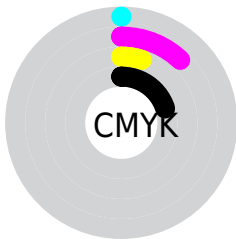
Blue (75%)



Red (80%)

Yellow (70%)

Blue (75%)

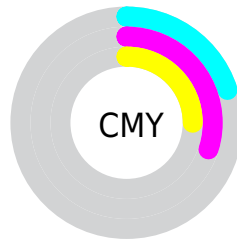


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (20%)



Cyan (20%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0634, 48.3431, 56.5617 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 50.0634, 48.3431, 56.5617 by changing the saturation by 10% instead.

 50.0634, 48.3431,
56.5617

 50.0634, 48.3431,
56.5617


377.3617,
380.1505, 429.2525

 35.6818, 34.0987,
40.2464

 89.4601, 87.7150,
101.3193

 24.3575, 22.9694,
27.4155


115.2058,
113.6113, 130.5988

 15.7252, 14.5709,
17.6503


145.4703,
144.1603, 165.0367

 9.4195, 8.5188,
10.5324

180.6190,
179.7465, 205.0517

 5.0751, 4.4287,
5.6432

221.0171,
220.7542, 251.0622

 2.3266, 1.9161,
2.5641

267.0300,

 0.8082, 0.5580,

267.5679, 303.4868

0.8738

319.0231,
320.5718, 362.7441

■ 0.0000, 0.0000,
0.0000

■ 50.0634, 48.3431,
56.5617

■ 50.0634, 48.3431,
56.5617

■ 45.3597, 40.4715,
50.2579

■ 55.4276, 57.4384,
63.3833

■ 41.2853, 33.7645,
44.4545

■ 61.4738, 67.8004,
70.7331

■ 37.8122, 28.1676,
39.1375

■ 68.2276, 79.4781,
78.6253

■ 34.9090, 23.6194,
34.2908

■ 74.3556, 89.8033,
86.6203

■ 32.5410, 20.0524,
29.8972

■ 75.6263, 90.3116,
93.3122

■ 30.6695, 17.3915,
25.9380

■ 76.9621, 90.8460,
100.3464

■ 29.2505, 15.5501,
22.3923

■ 78.3639, 91.4066,
107.7278

■ 28.2311, 14.4247,
19.2364

■ 78.4388, 91.4366,
108.1226

■ 27.6473, 13.9040,
17.0474

Harmonies

Analogous

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



48.7990, 48.3431, 62.2070



50.0634, 48.3431, 56.5617



50.2046, 48.3431, 50.2668

Triad

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



50.0634, 48.3431, 56.5617



45.1133, 48.3431, 41.6711



42.8632, 48.3431, 61.0494

Complementary

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



50.0634, 48.3431, 56.5617



48.9032, 55.8522, 56.3498

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.



41.9404, 48.3431, 55.0814



50.0634, 48.3431, 56.5617



43.2116, 48.3431, 44.1033

Square

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



50.0634, 48.3431, 56.5617



47.2992, 48.3431, 41.9984



42.0658, 48.3431, 48.8990



44.6241, 48.3431, 64.9366

Rectangle

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



50.0634, 48.3431, 56.5617



49.6375, 48.3431, 46.5778



42.0658, 48.3431, 48.8990



42.4473, 48.3431, 59.2010

Sweetspot

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



50.0648, 48.3452, 56.5627



91.1676, 93.3781, 104.0822



47.6467, 46.9525, 63.0520



19.3618, 19.7285, 22.0874



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.



50.0648, 48.3452, 56.5627



81.4457, 76.9398, 91.5764



48.7550, 47.8213, 49.6655



11.4709, 11.3171, 13.0145



17.6409, 8.8670, 11.0936



0.9478, 0.4725, 0.7712

Inverse Universe

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



50.0648, 48.3452, 56.5627



81.4457, 76.9398, 91.5764



50.2994, 56.4107, 63.7022



11.4709, 11.3171, 13.0145



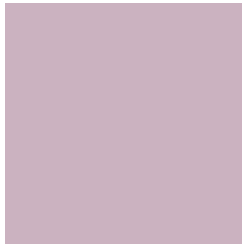
17.6409, 8.8670, 11.0936



0.9478, 0.4725, 0.7712

Previews

White Background



This preview shows how the XYZ color 50.0634, 48.3431, 56.5617 looks on a white background.

Color Contrast Check

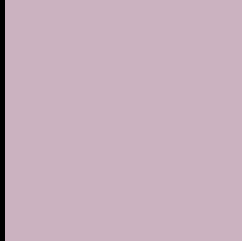
Large Text (above 18pt) WCAG AA × Fail

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 50.0634, 48.3431, 56.5617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

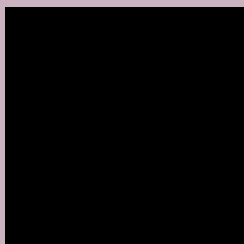
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0634, 48.3431, 56.5617

Background



This preview shows how black text looks on a background with the XYZ color 50.0634, 48.3431, 56.5617.



This preview shows how white text looks on a background with the XYZ color 50.0634, 48.3431,

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

50.0634, 48.3431, 56.5617

Protanopia

46.9984, 48.5354, 58.5209

Deuteranopia

49.4539, 48.3253, 56.5904



Tritanopia

50.0634, 48.3431, 56.5617

Trichromacy



Original Color

50.0634, 48.3431, 56.5617

Protanomaly

48.2038, 48.5574, 57.8708

Deuteranomaly

49.7219, 48.4635, 56.6029

Tritanomaly

50.0634, 48.3431, 56.5617

Monochromacy



Original Color

50.0634, 48.3431, 56.5617

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.3181, 49.2926, 55.1119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0634, 48.3431, 56.5617 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(203, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 178, 192)  
}
```

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(203, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 178, 192) }
```

Border

The CSS property to change the border of an element to XYZ 50.0634, 48.3431, 56.5617 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(203, 178, 192) }
```


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

```
.border{ border-color:rgb(203, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 178,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0634, 48.3431, 56.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 178, 192) }
```

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

```
.background{ background-color: rgb(203,  
178, 192) }
```

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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