

Converting Colors

XYZ(50.2716, 48.7906, 58.5776)

Have a look what the booklet for
XYZ(50.2716, 48.7906, 58.5776)
contains.

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Color

**XYZ(50.0578, 48.5978,
58.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B3C3
RGB	201, 179, 195
RGB Percent	79%, 70%, 76%
CMY	0.2118, 0.2980, 0.2353
CMYK	0.00, 0.11, 0.03, 0.21
HSL	316°, 17%, 75%
HSV	316°, 11%, 79%
XYZ	50.0578, 48.5978, 58.3717
YIQ	187.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

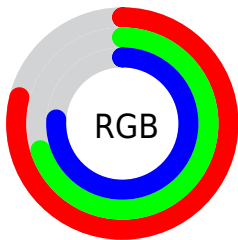
Format	Color
R _Y B	201, 179, 195
Decimal	13218755
CIE Lab	75.20, 10.68, -5.23
CIE LCh	75, 11.889, 333.906
Yxy	48.5978, 0.3188, 0.3095
Android (android.graphics.Color)	4291408835 (0xFFC9B3C3)
YUV	187.4020, 3.7458, 11.9254
Hunter-Lab	69.7121, 6.1783, -0.8465

Details

The XYZ color **50.0578, 48.5978, 58.3717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2359, 54.8611, 53.9485**, and the grayscale version is **47.4386, 49.9091, 54.3510**.

A 20% lighter version of the original color is **88.5190, 87.7049, 104.3588**, and **24.3012, 23.0478, 28.3672** is the 20% darker color. If you saturate the color by 10%, you get **45.7111, 40.8778, 53.9206**, and if you desaturate by 10%, it is **55.0172, 57.5055, 63.1405**.

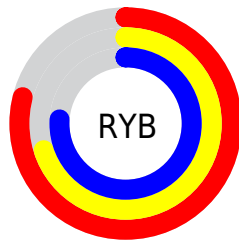
Distribution



Red (79%)

Green (70%)

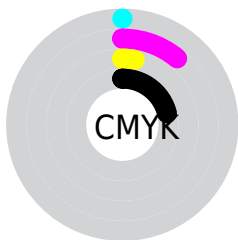
Blue (76%)



Red (79%)

Yellow (70%)

Blue (76%)

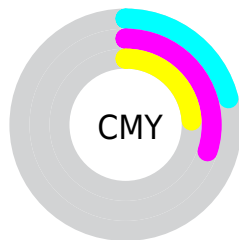


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0578, 48.5978, 58.3717 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 50.0578, 48.5978, 58.3717 by changing the saturation by 10% instead.

■ 50.0578, 48.5978,
58.3717

■ 50.0578, 48.5978,
58.3717

377.3402,
381.1568, 436.2064

■ 35.6773, 34.3005,
41.6909

■ 89.4518, 88.0938,
103.9841

■ 24.3540, 23.1246,
28.5356

115.1961,
114.0613, 133.7527

■ 15.7226, 14.6855,
18.4872

145.4589,
144.6877, 168.7210

■ 9.4177, 8.5990,
11.1273

180.6058,
180.3574, 209.3075

■ 5.0739, 4.4805,
6.0373

221.0020,
221.4548, 255.9307

■ 2.3259, 1.9458,
2.7986

267.0129,

■ 0.8079, 0.5757,

268.3642, 309.0093

0.9927

319.0038,
321.4701, 368.9617

■ 0.0000, 0.0000,
0.0000

■ 50.0578, 48.5978,
58.3717

■ 50.0578, 48.5978,
58.3717

■ 45.7111, 40.8778,
53.9206

■ 55.0172, 57.5055,
63.1405

■ 41.9475, 34.2885,
49.7744

■ 60.6093, 67.6423,
68.2331

■ 38.7409, 28.7776,
45.9238

■ 66.8579, 79.0552,
73.6593

■ 36.0618, 24.2864,
42.3578

■ 72.3633, 88.9439,
78.9534

■ 33.8775, 20.7501,
39.0641

■ 73.0883, 89.2339,
82.7710

■ 32.1521, 18.0970,
36.0296

■ 73.8371, 89.5334,
86.7145

■ 30.8441, 16.2448,
33.2391

■ 74.6102, 89.8426,
90.7852

■ 29.9045, 15.0958,
30.6749

■ 75.4075, 90.1616,
94.9841

■ 29.2895, 14.4984,
28.5196

■ 76.2295, 90.4904,
99.3125

Harmonies

Analogous

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



48.5683, 48.5978, 63.5148



50.0578, 48.5978, 58.3717



50.4995, 48.5978, 52.1013

Triad

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



50.0578, 48.5978, 58.3717



45.9058, 48.5978, 41.8203



42.7989, 48.5978, 59.8967

Complementary

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



50.0578, 48.5978, 58.3717



48.2359, 54.8611, 53.9485

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.



42.1343, 48.5978, 53.7366



50.0578, 48.5978, 58.3717



43.8921, 48.5978, 43.5649

Square

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



50.0578, 48.5978, 58.3717



48.0588, 48.5978, 42.8507



42.5282, 48.5978, 47.8089



44.3717, 48.5978, 64.4428

Rectangle

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



50.0578, 48.5978, 58.3717



50.1292, 48.5978, 48.1982



42.5282, 48.5978, 47.8089



42.4642, 48.5978, 57.9293

Sweetspot

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



50.0592, 48.5999, 58.3727



92.3237, 95.0821, 106.3428



46.6401, 46.7573, 61.8260



19.6087, 20.0772, 22.6173



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.



50.0592, 48.5999, 58.3727



83.9495, 80.0741, 98.1859



48.8749, 48.1262, 52.1361



10.9549, 10.7653, 12.7457



18.4560, 9.1320, 18.1431



0.9032, 0.4441, 1.0132

Inverse Universe

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



50.0592, 48.5999, 58.3727



83.9495, 80.0741, 98.1859



49.4273, 55.3377, 60.2224



10.9549, 10.7653, 12.7457



18.4560, 9.1320, 18.1431



0.9032, 0.4441, 1.0132

Previews

White Background



This preview shows how the XYZ color 50.0578, 48.5978, 58.3717 looks on a white background.

Color Contrast Check

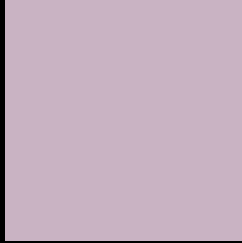
Large Text (above 18pt) WCAG AA × Fail

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 50.0578, 48.5978, 58.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

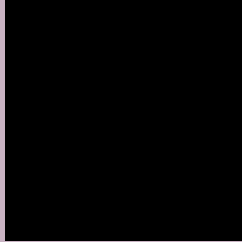
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0578, 48.5978, 58.3717

Background



This preview shows how black text looks on a background with the XYZ color 50.0578, 48.5978, 58.3717.



This preview shows how white text looks on a background with the XYZ color 50.0578, 48.5978,

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

50.0578, 48.5978, 58.3717

Protanopia

47.3411, 48.6725, 60.3257

Deuteranopia

49.7248, 48.7248, 58.4138



Tritanopia

49.8331, 48.5080, 57.1886

Trichromacy



Original Color

50.0578, 48.5978, 58.3717

Protanomaly

48.2919, 48.5635, 59.6518

Deuteranomaly

49.9910, 48.8620, 58.4263

Tritanomaly

49.9451, 48.5527, 57.7782

Monochromacy



Original Color

50.0578, 48.5978, 58.3717

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.1730, 49.2052, 55.6738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0578, 48.5978, 58.3717 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(201, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 195)  
}
```

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(201, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.0578, 48.5978, 58.3717 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(201, 179, 195) }
```


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

```
.border{ border-color:rgb(201, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0578, 48.5978, 58.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 195) }
```

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

```
.background{ background-color: rgb(201,  
179, 195) }
```

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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