

Converting Colors

XYZ(50.5650, 51.9707, 57.8388)

Have a look what the booklet for
XYZ(50.5650, 51.9707, 57.8388)
contains.

XYZ(50.5882, 51.9812, 57.8192)	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(50.5882, 51.9812,
57.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BDC1
RGB	196, 189, 193
RGB Percent	77%, 74%, 76%
CMY	0.2314, 0.2588, 0.2431
CMYK	0.00, 0.04, 0.02, 0.23
HSL	326°, 6%, 75%
HSV	326°, 4%, 77%
XYZ	50.5882, 51.9812, 57.8192
YIQ	191.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

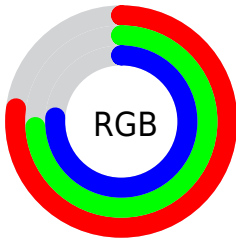
Format	Color
R _Y B	196, 189, 193
Decimal	12893633
CIE Lab	77.27, 3.18, -1.15
CIE LCh	77, 3.381, 340.154
Yxy	51.9812, 0.3154, 0.3241
Android (android.graphics.Color)	4291083713 (0xFFC4BDC1)
YUV	191.5490, 0.7153, 3.9035
Hunter-Lab	72.0980, -0.9254, 2.9208

Details

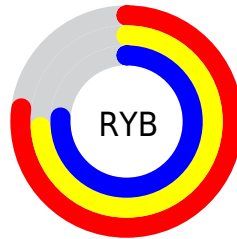
The XYZ color **50.5882, 51.9812, 57.8192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2426, 54.1058, 57.6672**, and the grayscale version is **49.8361, 52.4315, 57.0979**.

A 20% lighter version of the original color is **90.2593, 93.0270, 102.8214**, and **24.6931, 25.2526, 28.3837** is the 20% darker color. If you saturate the color by 10%, you get **45.7431, 43.7484, 51.7098**, and if you desaturate by 10%, it is **56.0593, 61.3793, 64.4014**.

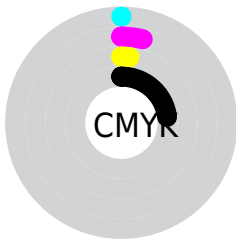
Distribution



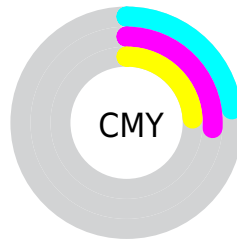
- Red (77%)
- Green (74%)
- Blue (76%)



- Red (77%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (23%)



- Cyan (23%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5882, 51.9812, 57.8192 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 50.5882, 51.9812, 57.8192 by changing the saturation by 10% instead.

■ 50.5882, 51.9812,
57.8192

■ 50.5882, 51.9812,
57.8192

379.3758,
394.3640, 434.0913

■ 36.1007, 36.9901,
41.2496

■ 90.2324, 93.1035,
103.1717

■ 24.6824, 25.1998,
28.1930

116.1198,
120.0035, 132.7917

■ 15.9681, 16.2260,
18.2309

146.5379,
151.6419, 167.5988

■ 9.5923, 9.6842,
10.9447

181.8520,
188.4031, 208.0117

■ 5.1897, 5.1901,
5.9160

222.4275,
230.6716, 254.4488

■ 2.3949, 2.3592,
2.7261

268.6297,

■ 0.8425, 0.8048,

278.8316, 307.3288

0.9565

320.8240,
333.2676, 367.0701

■ 0.0000, 0.0000,
0.0000

■ 50.5882, 51.9812,
57.8192

■ 50.5882, 51.9812,
57.8192

■ 45.7431, 43.7484,
51.7098

■ 56.0593, 61.3793,
64.4014

■ 41.4961, 36.6285,
46.0577

■ 62.1742, 71.9792,
71.4646

■ 37.8234, 30.5749,
40.8512

■ 68.9556, 83.8240,
79.0212

■ 34.6982, 25.5352,
36.0767

■ 72.3376, 88.7809,
85.7199

■ 32.0912, 21.4526,
31.7199

■ 73.5237, 89.2553,
91.9658

■ 29.9703, 18.2644,
27.7651

■ 74.7672, 89.7527,
98.5139

■ 28.2998, 15.9005,
24.1956

■ 76.0688, 90.2733,
105.3682

■ 27.0384, 14.2804,
20.9924

■ 76.5753, 90.4759,
108.0354

■ 26.1367, 13.3067,
18.1337

Harmonies

Analogous

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



50.2146, 51.9812, 59.3710



50.5882, 51.9812, 57.8192



50.6436, 51.9812, 55.9718

Triad

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



50.5882, 51.9812, 57.8192



49.1872, 51.9812, 53.1573



48.4601, 51.9812, 58.9318

Complementary

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



50.5882, 51.9812, 57.8192



50.2426, 54.1058, 57.6672

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.



48.1899, 51.9812, 57.2303



50.5882, 51.9812, 57.8192



48.6072, 51.9812, 53.9141

Square

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



50.5882, 51.9812, 57.8192



49.8309, 51.9812, 53.3072



48.2435, 51.9812, 55.3955



48.9846, 51.9812, 60.0230

Rectangle

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



50.5882, 51.9812, 57.8192



50.4921, 51.9812, 54.8245



48.2435, 51.9812, 55.3955



48.3367, 51.9812, 58.4107

Sweetspot

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



50.5897, 51.9834, 57.8203



94.0663, 98.3136, 107.7062



49.8805, 51.5788, 59.5521



20.1444, 21.0609, 23.0662



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.



50.5897, 51.9834, 57.8203



91.1857, 93.3854, 104.1776



50.2131, 51.8328, 55.8375



10.8085, 11.0227, 12.3422



16.5492, 8.3094, 10.8039



0.7490, 0.3726, 0.6457

Inverse Universe

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



50.5897, 51.9834, 57.8203



91.1857, 93.3854, 104.1776



50.6253, 54.2589, 59.6828



10.8085, 11.0227, 12.3422



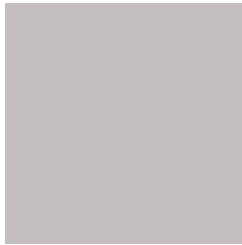
16.5492, 8.3094, 10.8039



0.7490, 0.3726, 0.6457

Previews

White Background



This preview shows how the XYZ color 50.5882, 51.9812, 57.8192 looks on a white background.

Color Contrast Check

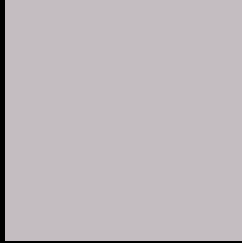
Large Text (above 18pt) WCAG AA × Fail

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 50.5882, 51.9812, 57.8192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

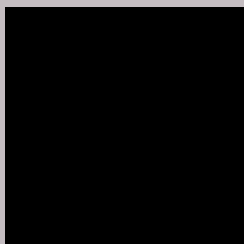
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

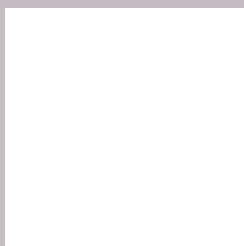
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5882, 51.9812, 57.8192

Background



This preview shows how black text looks on a background with the XYZ color 50.5882, 51.9812, 57.8192.

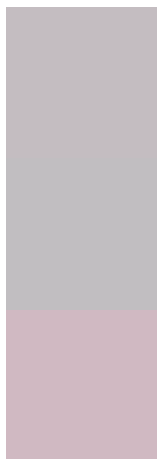


This preview shows how white text looks on a background with the XYZ color 50.5882, 51.9812,

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

50.5882, 51.9812, 57.8192

Protanopia

50.0314, 52.0146, 57.8550

Deuteranopia

53.0990, 52.0029, 58.2779



Tritanopia

51.6698, 52.1010, 63.2103

Trichromacy



Original Color

50.5882, 51.9812, 57.8192

Protanomaly

50.2872, 52.1465, 57.8669

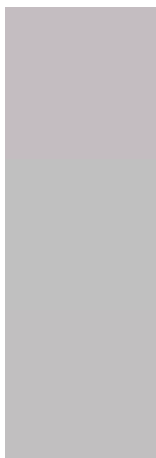
Deuteranomaly

52.1983, 51.8502, 58.2959

Tritanomaly

51.3180, 51.9603, 61.3574

Monochromacy



Original Color

50.5882, 51.9812, 57.8192

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1375, 52.4048, 57.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5882, 51.9812, 57.8192 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(196, 189, 193) looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 193)  
}
```

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(196, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.5882, 51.9812, 57.8192 is called "border". The border property can be set on classes, ids or directly on the HTML element.

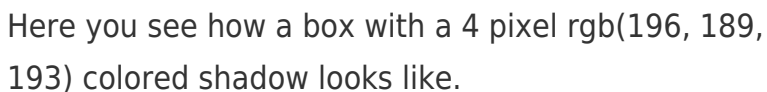
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 189, 193) }
```


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

```
.border{ border-color:rgb(196, 189, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 189, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 189, 193); box-shadow:4px 4px 4px 4px rgb(196, 189, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5882, 51.9812, 57.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 193) }
```

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

```
.background{ background-color: rgb(196,  
189, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor