

Converting Colors

XYZ(54.7885, 58.6808, 50.0338)

Have a look what the booklet for
XYZ(54.7885, 58.6808, 50.0338)
contains.

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Color

**XYZ(54.7885, 58.6808,
50.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCAB1
RGB	207, 202, 177
RGB Percent	81%, 79%, 69%
CMY	0.1882, 0.2078, 0.3059
CMYK	0.00, 0.02, 0.14, 0.19
HSL	50°, 24%, 75%
HSV	50°, 14%, 81%
XYZ	54.7885, 58.6808, 50.0338
YIQ	200.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

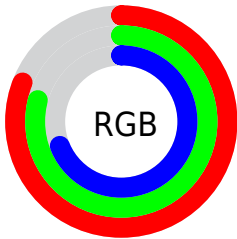
Format	Color
RYB	183, 207, 177
Decimal	13617841
CIELab	81.12, -2.48, 13.11
CIELCh	81, 13.339, 100.719
Yxy	58.6808, 0.3351, 0.3589
Android (android.graphics.Color)	4291807921 (0xFFCFCAB1)
YUV	200.6450, -11.6570, 5.5733
Hunter-Lab	76.6034, -6.3887, 14.8969

Details

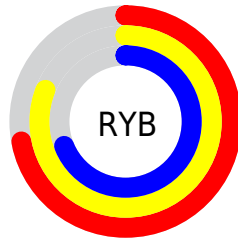
The XYZ color **54.7885, 58.6808, 50.0338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1218, 47.3071, 65.7324**, and the grayscale version is **55.3640, 58.2473, 63.4313**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **27.3649, 29.4073, 23.3027** is the 20% darker color. If you saturate the color by 10%, you get **52.0806, 56.3198, 39.7124**, and if you desaturate by 10%, it is **57.8307, 61.2083, 62.0122**.

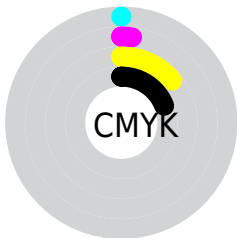
Distribution



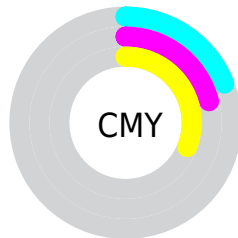
- Red (81%)
- Green (79%)
- Blue (69%)



- Red (72%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7885, 58.6808, 50.0338 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 54.7885, 58.6808, 50.0338 by changing the saturation by 10% instead.

■ 54.7885, 58.6808,
50.0338

■ 54.7885, 58.6808,
50.0338

395.2592,
419.7180, 403.5370

■ 39.4656, 42.3562,
35.0689

■ 96.3811, 102.9136,
91.6218

■ 27.3045, 29.3803,
23.4320

123.3816,
131.5906, 119.0819

■ 17.9398, 19.3687,
14.7045

155.0052,
165.1539, 151.5442

■ 11.0062, 11.9370,
8.4679

191.6174,
203.9878, 189.4272

■ 6.1383, 6.7008,
4.3038

233.5836,
248.4768, 233.1494

■ 2.9708, 3.2757,
1.7934

281.2690,

■ 1.1384, 1.2773,

299.0052, 283.1294

0.4236

335.0391,
355.9575, 339.7858

■ 0.0568, 0.1235,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7885, 58.6808,
50.0338

■ 54.7885, 58.6808,
50.0338

■ 52.0806, 56.3198,
39.7124

■ 57.8307, 61.2083,
62.0122

■ 49.6880, 54.1117,
30.9701

■ 61.2157, 63.9001,
75.7132

■ 47.5971, 52.0528,
23.7284

■ 64.9576, 66.7640,
91.2033

■ 45.7913, 50.1364,
17.9009

■ 68.2854, 69.4916,
104.4219

■ 44.2524, 48.3548,
13.3918

■ 69.1768, 71.2743,
104.7191

■ 42.9599, 46.6997,
10.0939

■ 70.0868, 73.0943,
105.0224

■ 41.8900, 45.1615,
7.8829

■ 71.0155, 74.9517,
105.3320

■ 41.0140, 43.7284,
6.6077

■ 71.9631, 76.8469,
105.6478

■ 40.5859, 42.9725,
6.1554

■ 72.9296, 78.7800,
105.9700

Harmonies

Analogous

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



57.5535, 58.6808, 50.5367



54.7885, 58.6808, 50.0338



52.3679, 58.6808, 53.0049

Triad

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



54.7885, 58.6808, 50.0338



51.8301, 58.6808, 74.3814



60.9600, 58.6808, 69.0692

Complementary

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



54.7885, 58.6808, 50.0338



46.1218, 47.3071, 65.7324

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.



59.3254, 58.6808, 76.1794



54.7885, 58.6808, 50.0338



54.0323, 58.6808, 79.4177

Square

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



54.7885, 58.6808, 50.0338



50.6979, 58.6808, 66.7759



56.7719, 58.6808, 80.1017



61.1788, 58.6808, 61.0951

Rectangle

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



54.7885, 58.6808, 50.0338



51.2518, 58.6808, 56.7124



56.7719, 58.6808, 80.1017



60.5553, 58.6808, 71.6564

Sweetspot

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



54.7901, 58.6834, 50.0351



92.9114, 98.2814, 100.2995



49.8985, 48.0879, 50.9087



19.8030, 20.9681, 21.1329



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.



54.7901, 58.6834, 50.0351



86.5797, 92.9961, 75.4429



53.2752, 59.6709, 50.3055



12.6289, 13.4485, 12.5422



25.6305, 27.1940, 3.8981



1.4787, 1.6117, 0.2332

Inverse Universe

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



46.1218, 47.3071, 65.7324



70.3979, 71.7598, 104.7484



47.4789, 46.5149, 65.5079



11.3205, 11.7313, 14.9114



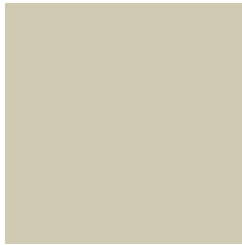
7.5118, 3.6701, 37.5050



0.4705, 0.3062, 2.1139

Previews

White Background



This preview shows how the XYZ color 54.7885, 58.6808, 50.0338 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 54.7885, 58.6808, 50.0338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

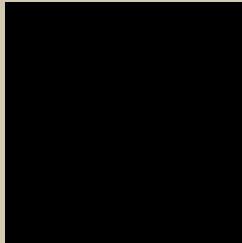
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

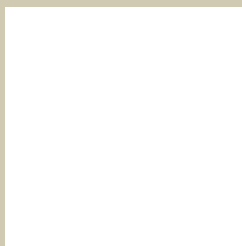
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7885, 58.6808, 50.0338

Background



This preview shows how black text looks on a background with the XYZ color 54.7885, 58.6808, 50.0338.



This preview shows how white text looks on a background with the XYZ color 54.7885, 58.6808,

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

54.7885, 58.6808, 50.0338

Protanopia

55.5871, 58.7568, 49.4857

Deuteranopia

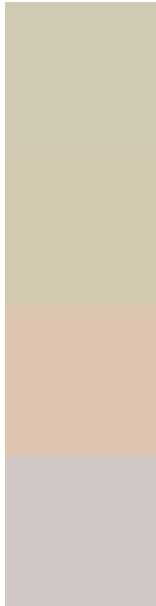
59.7416, 58.4963, 50.7900



Tritanopia

59.0013, 58.6830, 70.5046

Trichromacy



Original Color

54.7885, 58.6808, 50.0338

Protanomaly

55.3015, 58.6095, 49.4724

Deuteranomaly

57.8209, 58.5190, 50.3673

Tritanomaly

57.3106, 58.6720, 62.3371

Monochromacy



Original Color

54.7885, 58.6808, 50.0338

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0297, 58.2756, 58.2171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7885, 58.6808, 50.0338 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(207, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 177)  
}
```

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(207, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 177) }
```

Border

The CSS property to change the border of an element to XYZ 54.7885, 58.6808, 50.0338 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(207, 202, 177) }
```


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

```
.border{ border-color:rgb(207, 202, 177) }
```

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

Here you see how a box with a 4 pixel rgb(207, 202, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7885, 58.6808, 50.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 177) }
```

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

```
.background{ background-color: rgb(207,  
202, 177) }
```

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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