

Converting Colors

XYZ(56.9465, 58.6038, 58.0671)

Have a look what the booklet for
XYZ(56.9465, 58.6038, 58.0671)
contains.

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Color

**XYZ(57.0892, 58.6497,
58.1808)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C7C0
RGB	212, 199, 192
RGB Percent	83%, 78%, 75%
CMY	0.1686, 0.2196, 0.2471
CMYK	0.00, 0.06, 0.09, 0.17
HSL	21°, 19%, 79%
HSV	21°, 9%, 83%
XYZ	57.0892, 58.6497, 58.1808
YIQ	202.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

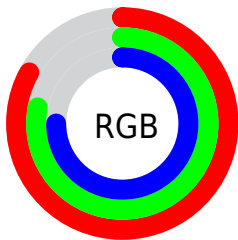
Format	Color
RYB	212, 203, 192
Decimal	13944768
CIELab	81.10, 3.34, 5.12
CIElCh	81, 6.110, 56.884
Yxy	58.6497, 0.3283, 0.3372
Android (android.graphics.Color)	4292134848 (0xFFD4C7C0)
YUV	202.0890, -4.9739, 8.6919
Hunter-Lab	76.5831, -0.9568, 8.5651

Details

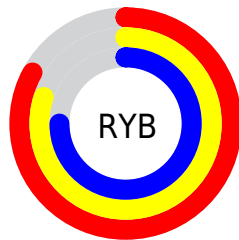
The XYZ color **57.0892, 58.6497, 58.1808** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4530, 59.6214, 70.8732**, and the grayscale version is **56.2216, 59.1495, 64.4138**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **28.6902, 29.2830, 28.5661** is the 20% darker color. If you saturate the color by 10%, you get **51.8804, 51.7239, 45.6782**, and if you desaturate by 10%, it is **62.9266, 66.2899, 72.5637**.

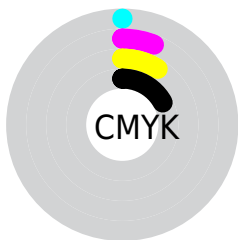
Distribution



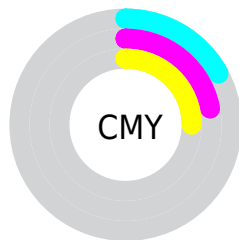
- Red (83%)
- Green (78%)
- Blue (75%)



- Red (83%)
- Yellow (80%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0892, 58.6497, 58.1808 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 57.0892, 58.6497, 58.1808 by changing the saturation by 10% instead.

■ 57.0892, 58.6497,
58.1808

■ 57.0892, 58.6497,
58.1808

403.7922,
419.6025, 435.4764

■ 41.3173, 42.3312,
41.5384

■ 99.7259, 102.8684,
103.7035

■ 28.7558, 29.3607,
28.4171

127.3215,
131.5373, 133.4208

■ 19.0396, 19.3539,
18.3986

159.5889,
165.0919, 168.3335

■ 11.8030, 11.9262,
11.0641

196.8936,
203.9164, 208.8601

■ 6.6809, 6.6935,
5.9953

239.6009,
248.3954, 255.4191

■ 3.3079, 3.2712,
2.7735

288.0763,

■ 1.3186, 1.2749,

298.9131, 308.4291

0.9802

342.6849,
355.8540, 368.3087

■ 0.1971, 0.1216,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0892, 58.6497,
58.1808

■ 57.0892, 58.6497,
58.1808

■ 51.8804, 51.7239,
45.6782

■ 62.9266, 66.2899,
72.5637

■ 47.2733, 45.4839,
34.9738

■ 69.4087, 74.6568,
88.8968

■ 43.2464, 39.9103,
25.9850

■ 76.4597, 83.7333,
106.7400

■ 39.7745, 34.9799,
18.6209

■ 80.6778, 92.1695,
108.1461

■ 36.8308, 30.6680,
12.7827

■ 80.9616, 92.7372,
108.2407

■ 34.3859, 26.9483,
8.3601

■ 32.4068, 23.7922,
5.2281

■ 30.8560, 21.1680,
3.2390

■ 29.6758, 19.0351,
2.1445

Harmonies

Analogous

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



57.9507, 58.6497, 60.7499



57.0892, 58.6497, 58.1808



55.8776, 58.6497, 57.1296

Triad

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



57.0892, 58.6497, 58.1808



53.3425, 58.6497, 63.4802



56.8560, 58.6497, 70.3007

Complementary

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



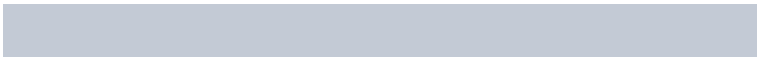
57.0892, 58.6497, 58.1808



55.4530, 59.6214, 70.8732

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.



55.6122, 58.6497, 71.0983



57.0892, 58.6497, 58.1808



53.5956, 58.6497, 67.0735

Square

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



57.0892, 58.6497, 58.1808



53.7250, 58.6497, 60.1154



54.4216, 58.6497, 69.8963



57.8146, 58.6497, 67.7560

Rectangle

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



57.0892, 58.6497, 58.1808



55.0388, 58.6497, 57.4002



54.4216, 58.6497, 69.8963



56.4568, 58.6497, 70.7861

Sweetspot

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



57.0908, 58.6523, 58.1821



92.2772, 96.3863, 102.0200



57.0211, 56.1049, 65.5822



19.5957, 20.4276, 21.4527



0.0000, 0.0000, 0.0000



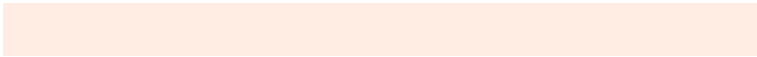
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0908, 58.6523, 58.1821



85.3168, 87.2404, 84.9793



59.4669, 63.4043, 58.9741



12.7754, 13.1251, 13.0208



18.3690, 11.8552, 1.3201



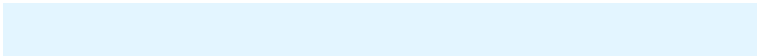
1.1844, 0.8680, 0.1051

Inverse Universe

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



55.4530, 59.6214, 70.8732



82.4187, 88.9546, 107.4338



53.1378, 54.9910, 70.1015



12.4092, 13.3418, 15.8587



13.0228, 14.3073, 40.5284



0.8618, 1.0155, 2.4699

Previews

White Background



This preview shows how the XYZ color 57.0892, 58.6497, 58.1808 looks on a white background.

Color Contrast Check

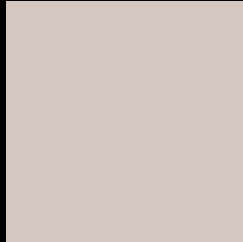
Large Text (above 18pt) WCAG AA × Fail

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 57.0892, 58.6497, 58.1808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

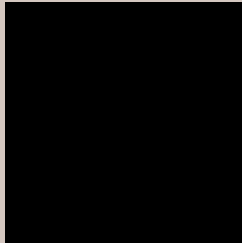
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0892, 58.6497, 58.1808

Background



This preview shows how black text looks on a background with the XYZ color 57.0892, 58.6497, 58.1808.

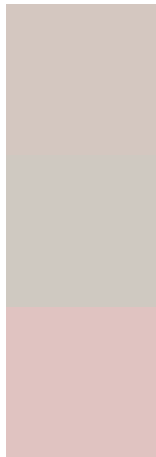


This preview shows how white text looks on a background with the XYZ color 57.0892, 58.6497,

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

57.0892, 58.6497, 58.1808

Protanopia

56.2444, 58.8889, 58.8544

Deuteranopia

59.8812, 58.7278, 58.6316



Tritanopia

59.5221, 58.6301, 69.8076

Trichromacy



Original Color

57.0892, 58.6497, 58.1808

Protanomaly

56.5744, 58.7141, 58.8032

Deuteranomaly

58.8808, 58.5458, 58.6492

Tritanomaly

58.5969, 58.5883, 65.3470

Monochromacy



Original Color

57.0892, 58.6497, 58.1808

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5333, 58.9723, 61.8293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0892, 58.6497, 58.1808 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(212, 199, 192) looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 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(212, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 192) }
```

Border

The CSS property to change the border of an element to XYZ 57.0892, 58.6497, 58.1808 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(212, 199, 192) }
```


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

```
.border{ border-color:rgb(212, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0892, 58.6497, 58.1808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 192) }
```

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

```
.background{ background-color: rgb(212,  
199, 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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