

Converting Colors

XYZ(58.9042, 60.5176, 65.7381)

Have a look what the booklet for
XYZ(58.9042, 60.5176, 65.7381)
contains.

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Color

**XYZ(58.8836, 60.4496,
65.6912)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D3CACC |
| RGB | 211, 202, 204 |
| RGB Percent | 83%, 79%, 80% |
| CMY | 0.1725, 0.2078, 0.2000 |
| CMYK | 0.00, 0.04, 0.03, 0.17 |
| HSL | 347°, 9%, 81% |
| HSV | 347°, 4%, 83% |
| XYZ | 58.8836, 60.4496, 65.6912 |
| YIQ | 204.9190, 4.7220, 2.5300 |

Conversions

Conversions Part 2

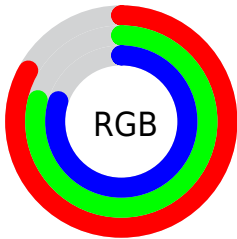
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 211, 202, 204 |
| Decimal | 13880012 |
| CIE Lab | 82.08, 3.47, 0.11 |
| CIE LCh | 82, 3.476, 1.810 |
| Yxy | 60.4496, 0.3182, 0.3267 |
| Android (android.graphics.Color) | 4292070092 (0xFFD3CACC) |
| YUV | 204.9190, -0.4531, 5.3330 |
| Hunter-Lab | 77.7493, -0.8741, 4.3298 |

Details

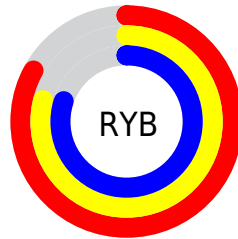
The XYZ color **58.8836, 60.4496, 65.6912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1623, 63.7501, 69.5116**, and the grayscale version is **57.9790, 60.9984, 66.4273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8052, 30.4497, 33.1606** is the 20% darker color. If you saturate the color by 10%, you get **52.4012, 50.4711, 54.3221**, and if you desaturate by 10%, it is **66.2540, 71.8702, 78.3820**.

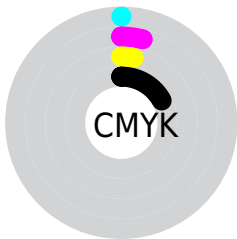
Distribution



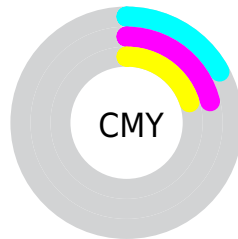
- Red (83%)
- Green (79%)
- Blue (80%)



- Red (83%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8836, 60.4496, 65.6912 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 58.8836, 60.4496, 65.6912 by changing the saturation by 10% instead.

■ 58.8836, 60.4496,
65.6912

■ 58.8836, 60.4496,
65.6912

410.3714,
426.2530, 463.6457

■ 42.7654, 43.7811,
47.5669

102.3241,
105.4816, 114.6658

■ 29.8948, 30.4985,
33.1265

130.3771,
134.6139, 146.3531

■ 19.9065, 20.2173,
21.9514

163.1391,
168.6696, 183.3985

■ 12.4349, 12.5531,
13.6232

200.9754,
208.0331, 226.2206

■ 7.1149, 7.1215,
7.7233

244.2515,
253.0888, 275.2378

■ 3.5810, 3.5382,
3.8332

293.3326,

■ 1.4680, 1.4188,

304.2211, 330.8687

1.5343

348.5841,
361.8144, 393.5318

■ 0.3039, 0.2305,
0.2433

■ 0.0000, 0.0000,
0.0000

■ 58.8836, 60.4496,
65.6912

■ 58.8836, 60.4496,
65.6912

■ 52.4012, 50.4711,
54.3221

■ 66.2540, 71.8702,
78.3820

■ 46.7678, 41.8697,
44.2278

■ 74.5391, 84.7790,
92.4313

■ 41.9495, 34.5870,
35.3646

■ 80.3946, 92.4772,
106.7540

■ 37.9077, 28.5576,
27.6846

■ 80.6743, 92.5891,
108.2272

■ 34.6008, 23.7101,
21.1369

■ 31.9832, 19.9664,
15.6666

■ 30.0041, 17.2384,
11.2141

■ 28.6052, 15.4247,
7.7139

■ 27.7168, 14.4024,
5.0916

Harmonies

Analogous

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



58.7136, 60.4496, 67.7552



58.8836, 60.4496, 65.6912



58.6682, 60.4496, 63.7032

Triad

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



58.8836, 60.4496, 65.6912



56.7118, 60.4496, 62.4303



56.7887, 60.4496, 69.4616

Complementary

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



58.8836, 60.4496, 65.6912



59.1623, 63.7501, 69.5116

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.



56.2597, 60.4496, 67.9819



58.8836, 60.4496, 65.6912



56.2155, 60.4496, 63.9207

Square

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



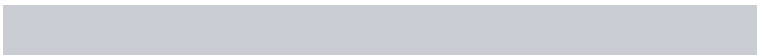
58.8836, 60.4496, 65.6912



57.4108, 60.4496, 61.8456



56.0507, 60.4496, 65.9476



57.5003, 60.4496, 69.9597

Rectangle

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



58.8836, 60.4496, 65.6912



58.3361, 60.4496, 62.6807



56.0507, 60.4496, 65.9476



56.5838, 60.4496, 69.0610

Sweetspot

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



58.8853, 60.4522, 65.6925



93.9240, 98.2566, 106.9569



59.1466, 60.4877, 70.1868



20.1155, 21.0493, 22.9137



0.0000, 0.0000, 0.0000



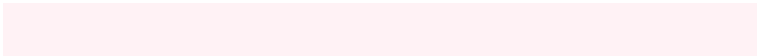
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8853, 60.4522, 65.6925



89.5601, 91.5106, 99.3927



59.2146, 61.4916, 64.6284



12.4509, 12.6771, 13.7635



16.5518, 8.4936, 2.5461



0.9561, 0.4872, 0.3036

Inverse Universe

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



58.8853, 60.4522, 65.6925



89.5601, 91.5106, 99.3927



58.8195, 62.6665, 70.6246



12.4509, 12.6771, 13.7635



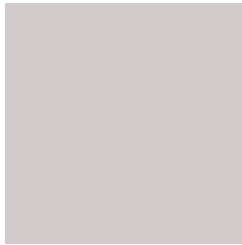
16.5518, 8.4936, 2.5461



0.9561, 0.4872, 0.3036

Previews

White Background



This preview shows how the XYZ color 58.8836, 60.4496, 65.6912 looks on a white background.

Color Contrast Check

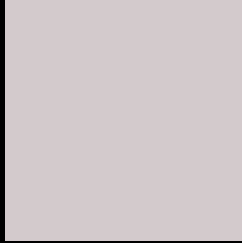
Large Text (above 18pt) WCAG AA × Fail

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 58.8836, 60.4496, 65.6912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

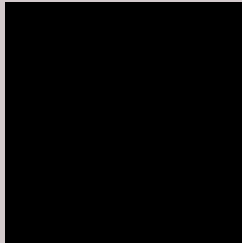
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

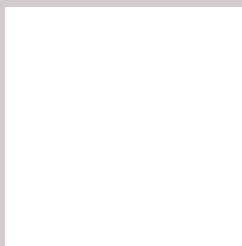
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8836, 60.4496, 65.6912

Background



This preview shows how black text looks on a background with the XYZ color 58.8836, 60.4496, 65.6912.

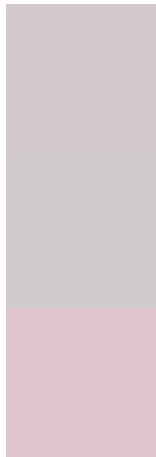


This preview shows how white text looks on a background with the XYZ color 58.8836, 60.4496,

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

58.8836, 60.4496, 65.6912

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.6450, 60.4839, 66.1831



Tritanopia

60.4895, 60.4126, 73.4384

Trichromacy



Original Color

58.8836, 60.4496, 65.6912

Protanomaly

58.3878, 60.5295, 66.3636

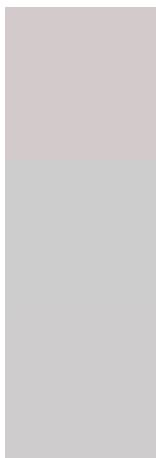
Deuteranomaly

60.6563, 60.3147, 66.2026

Tritanomaly

59.9217, 60.5238, 70.8114

Monochromacy



Original Color

58.8836, 60.4496, 65.6912

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3444, 60.8589, 66.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8836, 60.4496, 65.6912 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(211, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 204)  
}
```

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(211, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.8836, 60.4496, 65.6912 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(211, 202, 204) }
```


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

```
.border{ border-color:rgb(211, 202, 204) }
```

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

Here you see how a box with a 4 pixel rgb(211, 202, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8836, 60.4496, 65.6912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 204) }
```

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

```
.background{ background-color: rgb(211,  
202, 204) }
```

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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