

Converting Colors

XYZ(58.5341, 58.1033, 70.4228)

Have a look what the booklet for
XYZ(58.5341, 58.1033, 70.4228)
contains.

| | |
|--|----|
| XYZ(58.4876, 58.0822, 70.4157) | 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(58.4876, 58.0822,
70.4157)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D3C4D4 |
| RGB | 211, 196, 212 |
| RGB Percent | 83%, 77%, 83% |
| CMY | 0.1725, 0.2314, 0.1686 |
| CMYK | 0.00, 0.08, 0.00, 0.17 |
| HSL | 296°, 16%, 80% |
| HSV | 296°, 8%, 83% |
| XYZ | 58.4876, 58.0822, 70.4157 |
| YIQ | 202.3090, 3.8040, 8.1560 |

Conversions

Conversions Part 2

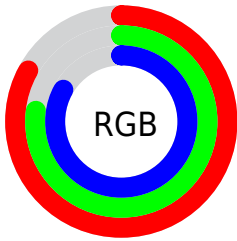
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 211, 196, 212 |
| Decimal | 13878484 |
| CIE Lab | 80.78, 8.11, -6.09 |
| CIE LCh | 81, 10.138, 323.114 |
| Yxy | 58.0822, 0.3128, 0.3106 |
| Android (android.graphics.Color) | 4292068564 (0xFFD3C4D4) |
| YUV | 202.3090, 4.7777, 7.6220 |
| Hunter-Lab | 76.2117, 3.6169, -1.4328 |

Details

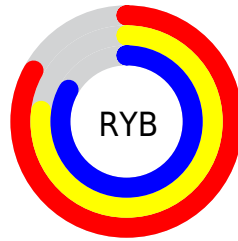
The XYZ color **58.4876, 58.0822, 70.4157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5353, 62.9443, 61.3972**, and the grayscale version is **56.3028, 59.2349, 64.5068**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.4691, 28.8482, 35.9134** is the 20% darker color. If you saturate the color by 10%, you get **53.6622, 48.9918, 68.9163**, and if you desaturate by 10%, it is **63.9952, 68.5306, 72.1430**.

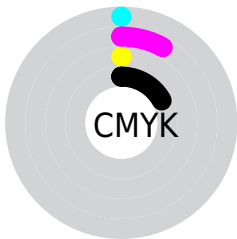
Distribution



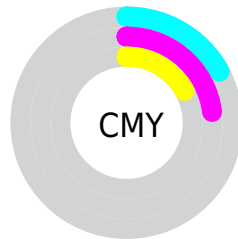
- Red (83%)
- Green (77%)
- Blue (83%)



- Red (83%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4876, 58.0822, 70.4157 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 58.4876, 58.0822, 70.4157 by changing the saturation by 10% instead.

■ 58.4876, 58.0822,
70.4157

■ 58.4876, 58.0822,
70.4157

408.9250,
417.4922, 480.8368

■ 42.4456, 41.8747,
51.3866

101.7515,
102.0426, 121.4881

■ 29.6430, 29.0032,
36.1375

129.7040,
130.5642, 154.3684

■ 19.7145, 19.0833,
24.2499

162.3574,
163.9594, 192.7029

■ 12.2947, 11.7305,
15.3052

200.0771,
202.6126, 236.9101

■ 7.0183, 6.5604,
8.8849

243.2283,
246.9080, 287.4085

■ 3.5200, 3.1887,
4.5704

292.1764,

■ 1.4343, 1.2310,

297.2301, 344.6168

1.9432

347.2869,
353.9634, 408.9533

■ 0.2805, 0.0868,
0.5200

■ 0.0000, 0.0000,
0.0000

■ 58.4876, 58.0822,
70.4157

■ 58.4876, 58.0822,
70.4157

■ 53.6622, 48.9918,
68.9163

■ 63.9952, 68.5306,
72.1430

■ 49.4858, 41.1954,
67.6315

■ 70.2064, 80.3825,
74.1033

■ 45.9297, 34.6353,
66.5527

■ 75.6612, 90.7170,
75.8106

■ 42.9616, 29.2463,
65.6690

■ 76.0518, 90.9184,
75.8289

40.5457, 24.9573,
64.9685

76.4455, 91.1214,
75.8473

38.6428, 21.6896,
64.4380

76.8425, 91.3260,
75.8659

37.2081, 19.3538,
64.0628

77.2425, 91.5322,
75.8846

36.1893, 17.8452,
63.8253

77.6458, 91.7401,
75.9035

35.5142, 17.0193,
63.7015

78.0523, 91.9497,
75.9225

Harmonies

Analogous

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



56.8005, 58.0822, 74.4467



58.4876, 58.0822, 70.4157



59.2984, 58.0822, 64.6337

Triad

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



58.4876, 58.0822, 70.4157



55.6893, 58.0822, 52.4742



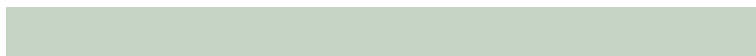
51.5857, 58.0822, 67.8755

Complementary

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



58.4876, 58.0822, 70.4157



56.5353, 62.9443, 61.3972

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.



51.3052, 58.0822, 61.8697



58.4876, 58.0822, 70.4157



53.6404, 58.0822, 53.2214

Square

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



58.4876, 58.0822, 70.4157



57.6566, 58.0822, 54.4628



52.0483, 58.0822, 56.5722



52.8247, 58.0822, 72.9166

Rectangle

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



58.4876, 58.0822, 70.4157



59.2188, 58.0822, 60.6621



52.0483, 58.0822, 56.5722



51.3775, 58.0822, 65.8933

Sweetspot

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



58.4893, 58.0847, 70.4170



93.3274, 96.7287, 108.3594



54.6325, 56.4548, 70.3056



19.9940, 20.7382, 23.1990



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.



58.4893, 58.0847, 70.4170



87.6350, 85.9504, 106.5790



57.9206, 57.8904, 65.9228



12.8728, 12.5914, 15.6894



21.8682, 10.4260, 39.3130



1.3427, 0.6411, 2.3723

Inverse Universe

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



56.9713, 57.5107, 60.9240



84.8880, 84.9123, 89.3696



57.0820, 63.1328, 65.6376



12.4544, 12.4333, 13.0672



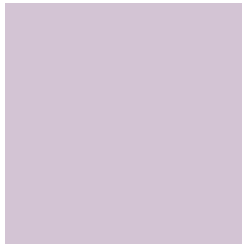
16.8205, 8.6645, 1.0928



1.0258, 0.5271, 0.1255

Previews

White Background



This preview shows how the XYZ color 58.4876, 58.0822, 70.4157 looks on a white background.

Color Contrast Check

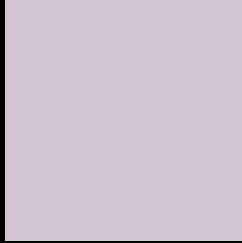
Large Text (above 18pt) WCAG AA × Fail

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 58.4876, 58.0822, 70.4157 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 58.4876, 58.0822, 70.4157

Background



This preview shows how black text looks on a background with the XYZ color 58.4876, 58.0822, 70.4157.

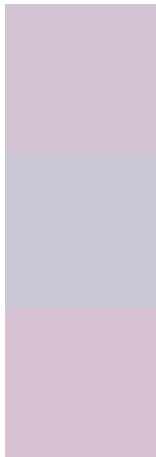


This preview shows how white text looks on a background with the XYZ color 58.4876, 58.0822,

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

58.4876, 58.0822, 70.4157

Protanopia

56.3804, 57.9812, 71.8383

Deuteranopia

59.4231, 58.2308, 70.3951



Tritanopia

58.4876, 58.0822, 70.4157

Trichromacy



Original Color

58.4876, 58.0822, 70.4157

Protanomaly

57.1062, 58.0296, 71.1418

Deuteranomaly

59.1303, 58.0798, 70.3814

Tritanomaly

58.4876, 58.0822, 70.4157

Monochromacy



Original Color

58.4876, 58.0822, 70.4157

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9717, 58.7439, 66.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4876, 58.0822, 70.4157 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, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 196, 212)  
}
```

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, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 196, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.4876, 58.0822, 70.4157 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, 196, 212) }
```


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

```
.border{ border-color:rgb(211, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 196,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4876, 58.0822, 70.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 196, 212) }
```

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

```
.background{ background-color: rgb(211,  
196, 212) }
```

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