

Converting Colors

XYZ(56.9987, 58.3726, 68.5845)

Have a look what the booklet for
XYZ(56.9987, 58.3726, 68.5845)
contains.

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Color

**XYZ(57.1089, 58.4294,
68.5896)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC7D1
RGB	205, 199, 209
RGB Percent	80%, 78%, 82%
CMY	0.1961, 0.2196, 0.1804
CMYK	0.02, 0.05, 0.00, 0.18
HSL	276°, 10%, 80%
HSV	276°, 5%, 82%
XYZ	57.1089, 58.4294, 68.5896
YIQ	201.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

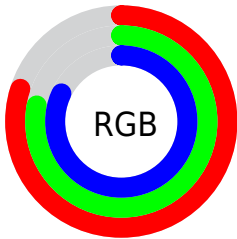
Format	Color
R _Y B	205, 199, 209
Decimal	13486033
CIE Lab	80.98, 3.91, -4.25
CIE LCh	81, 5.772, 312.655
Yxy	58.4294, 0.3102, 0.3173
Android (android.graphics.Color)	4291676113 (0xFFC7DC7D1)
YUV	201.9340, 3.4835, 2.6889
Hunter-Lab	76.4391, -0.4083, 0.3059

Details

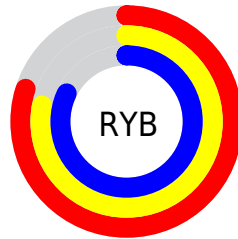
The XYZ color **57.1089, 58.4294, 68.5896** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7399, 62.4224, 63.0412**, and the grayscale version is **56.0781, 58.9985, 64.2494**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8043, 29.1967, 35.1277** is the 20% darker color. If you saturate the color by 10%, you get **50.3816, 48.3076, 66.9913**, and if you desaturate by 10%, it is **64.6233, 69.9406, 70.4163**.

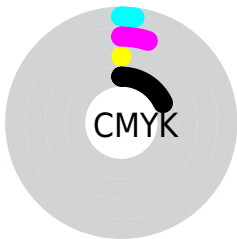
Distribution



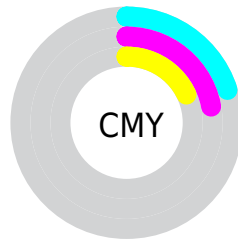
- Red (80%)
- Green (78%)
- Blue (82%)



- Red (80%)
- Yellow (78%)
- Blue (82%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1089, 58.4294, 68.5896 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 57.1089, 58.4294, 68.5896 by changing the saturation by 10% instead.

■ 57.1089, 58.4294,
68.5896

■ 57.1089, 58.4294,
68.5896

403.8648,
418.7841, 474.2368

■ 41.3332, 42.1540,
49.9079

99.7545, 102.5479,
118.8574

■ 28.7683, 29.2219,
34.9695

127.3551,
131.1597, 151.2805

■ 19.0490, 19.2487,
23.3560

159.6280,
164.6525, 189.1212

■ 11.8099, 11.8501,
14.6489

196.9386,
203.4106, 232.7980

■ 6.6857, 6.6417,
8.4294

239.6522,
247.8184, 282.7294

■ 3.3109, 3.2391,
4.2793

288.1342,

■ 1.3202, 1.2578,

298.2603, 339.3340

1.7798

342.7500,
355.1208, 403.0303

■ 0.1983, 0.1082,
0.4146

■ 0.0000, 0.0000,
0.0000

■ 57.1089, 58.4294,
68.5896

■ 57.1089, 58.4294,
68.5896

■ 50.3816, 48.3076,
66.9913

■ 64.6233, 69.9406,
70.4163

■ 44.4078, 39.5133,
65.6087

■ 72.9467, 82.8851,
72.4762

■ 39.1585, 31.9908,
64.4334

■ 79.9302, 92.9611,
74.0530

■ 34.6010, 25.6775,
63.4550

■ 82.6801, 94.3787,
74.1816

■ 30.6998, 20.5055,
62.6623

■ 85.5605, 95.8636,
74.3165

■ 27.4159, 16.4000,
62.0430

■ 88.5088, 97.3835,
74.4544

■ 24.7055, 13.2766,
61.5830

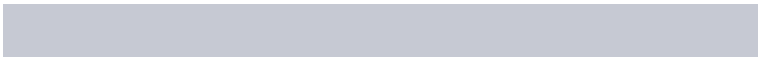
■ 22.5185, 11.0381,
61.2662

■ 20.7937, 9.5661,
61.0729

Harmonies

Analogous

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



56.0409, 58.4294, 70.2675



57.1089, 58.4294, 68.5896



57.7605, 58.4294, 65.6043

Triad

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



57.1089, 58.4294, 68.5896



56.2241, 58.4294, 57.5354



53.3207, 58.4294, 65.0741

Complementary

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



57.1089, 58.4294, 68.5896



57.7399, 62.4224, 63.0412

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.



53.3682, 58.4294, 61.6755



57.1089, 58.4294, 68.5896



55.0329, 58.4294, 57.4049

Square

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



57.1089, 58.4294, 68.5896



57.2447, 58.4294, 59.2588



53.9911, 58.4294, 58.8958



53.8605, 58.4294, 68.1894

Rectangle

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



57.1089, 58.4294, 68.5896



57.8654, 58.4294, 63.3150



53.9911, 58.4294, 58.8958



53.2688, 58.4294, 63.9253

Sweetspot

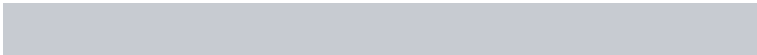
The Sweet Spot groups the original color and five complimentary colors.



57.1106, 58.4319, 68.5909



93.8675, 98.1908, 108.6131



56.4593, 59.5385, 68.8388



20.1040, 21.0359, 23.2507



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.



57.1106, 58.4319, 68.5909



88.1454, 89.4811, 107.2336



58.1253, 58.9669, 68.1013



12.2596, 12.4057, 14.9920



12.4585, 5.6029, 37.6173



0.7849, 0.3588, 2.1075

Inverse Universe

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



57.4994, 58.7165, 64.8055



88.9190, 90.0466, 99.7394



56.7616, 61.9069, 63.5018



12.3771, 12.4915, 13.8559



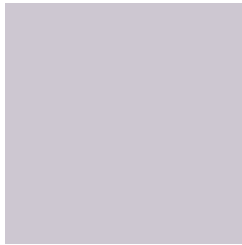
17.2357, 8.7671, 6.1472



1.0025, 0.5057, 0.5478

Previews

White Background



This preview shows how the XYZ color 57.1089, 58.4294, 68.5896 looks on a white background.

Color Contrast Check

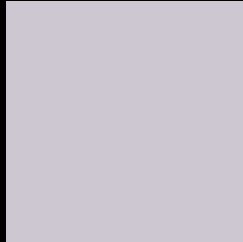
Large Text (above 18pt) WCAG AA × Fail

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 57.1089, 58.4294, 68.5896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

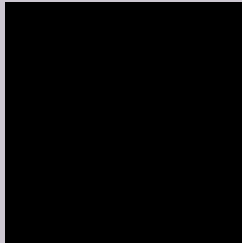
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1089, 58.4294, 68.5896

Background



This preview shows how black text looks on a background with the XYZ color 57.1089, 58.4294, 68.5896.

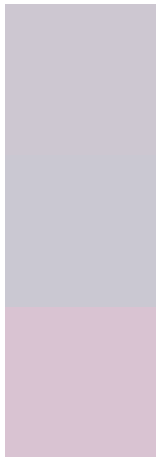


This preview shows how white text looks on a background with the XYZ color 57.1089, 58.4294,

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

57.1089, 58.4294, 68.5896

Protanopia

56.6443, 58.5183, 69.2824

Deuteranopia

59.7632, 58.4351, 69.1020



Tritanopia

57.7853, 58.3650, 71.8383

Trichromacy



Original Color

57.1089, 58.4294, 68.5896

Protanomaly

56.9157, 58.6582, 69.2952

Deuteranomaly

58.8134, 58.2791, 69.1220

Tritanomaly

57.5313, 58.2634, 70.5011

Monochromacy



Original Color

57.1089, 58.4294, 68.5896

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5347, 58.8776, 66.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1089, 58.4294, 68.5896 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(205, 199, 209) looks like.

```
.text, #text, p{  
    color:rgb(205, 199, 209)  
}
```

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(205, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.1089, 58.4294, 68.5896 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(205, 199, 209) }
```


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

```
.border{ border-color:rgb(205, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1089, 58.4294, 68.5896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 209) }
```

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

```
.background{ background-color: rgb(205,  
199, 209) }
```

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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