

Converting Colors

XYZ(56.9486, 57.1469, 70.5856)

Have a look what the booklet for
XYZ(56.9486, 57.1469, 70.5856)
contains.

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Color

**XYZ(57.0772, 57.3551,
70.3497)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC4D4
RGB	206, 196, 212
RGB Percent	81%, 77%, 83%
CMY	0.1922, 0.2314, 0.1686
CMYK	0.03, 0.08, 0.00, 0.17
HSL	277°, 16%, 80%
HSV	277°, 8%, 83%
XYZ	57.0772, 57.3551, 70.3497
YIQ	200.8140, 0.8240, 7.0960

Conversions

Conversions Part 2

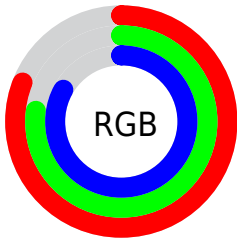
Format	Color
R _Y B	206, 196, 212
Decimal	13550804
CIE Lab	80.38, 6.41, -6.73
CIE LCh	80, 9.295, 313.607
Yxy	57.3551, 0.3089, 0.3104
Android (android.graphics.Color)	4291740884 (0xFFCEC4D4)
YUV	200.8140, 5.5147, 4.5481
Hunter-Lab	75.7331, 1.9957, -2.0622

Details

The XYZ color **57.0772, 57.3551, 70.3497** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8665, 63.6305, 61.4594**, and the grayscale version is **55.3702, 58.2537, 63.4383**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.7077, 28.4557, 35.8777** is the 20% darker color. If you saturate the color by 10%, you get **50.4778, 47.3501, 68.7672**, and if you desaturate by 10%, it is **64.4673, 68.7740, 72.1651**.

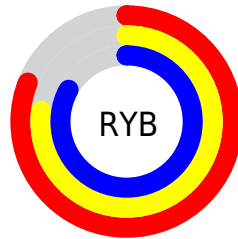
Distribution



Red (81%)

Green (77%)

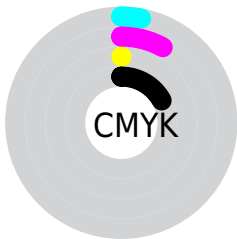
Blue (83%)



Red (81%)

Yellow (77%)

Blue (83%)

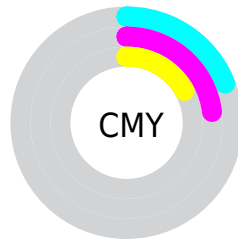


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (17%)



Cyan (19%)

Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0772, 57.3551, 70.3497 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 57.0772, 57.3551, 70.3497 by changing the saturation by 10% instead.

■ 57.0772, 57.3551,
70.3497

■ 57.0772, 57.3551,
70.3497

403.7480,
414.7786, 480.5992

■ 41.3076, 41.2904,
51.3331

■ 99.7085, 100.9831,
121.3931

■ 28.7483, 28.5461,
36.0952

127.3010,
129.3153, 154.2570

■ 19.0338, 18.7377,
24.2175

159.5651,
162.5053, 192.5738

■ 11.7988, 11.4809,
15.2813

196.8662,
200.9378, 236.7619

■ 6.6781, 6.3913,
8.8683

239.5697,
244.9969, 287.2400

■ 3.3061, 3.0844,
4.5597

288.0410,

■ 1.3176, 1.1760,

295.0671, 344.4265

1.9372

342.6453,
351.5329, 408.7401

■ 0.1964, 0.0419,
0.5162

■ 0.0000, 0.0000,
0.0000

■ 57.0772, 57.3551,
70.3497

■ 57.0772, 57.3551,
70.3497

■ 50.4778, 47.3501,
68.7672

■ 64.4673, 68.7740,
72.1651

■ 44.6342, 38.6943,
67.4045

■ 72.6713, 81.6532,
74.2187

■ 39.5163, 31.3290,
66.2526

■ 80.2306, 93.0726,
76.0244

■ 35.0899, 25.1883,
65.3006

■ 82.8389, 94.4173,
76.1465

■ 31.3177, 20.2001,
64.5366

■ 85.5651, 95.8227,
76.2741

■ 28.1583, 16.2846,
63.9474

■ 88.4106, 97.2896,
76.4072

■ 25.5654, 13.3517,
63.5179

■ 88.8838, 97.5335,
76.4294

■ 23.4848, 11.2958,
63.2307

■ 21.8421, 9.9710,
63.0616

Harmonies

Analogous

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



55.3797, 57.3551, 73.1993



57.0772, 57.3551, 70.3497



58.1006, 57.3551, 65.4546

Triad

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



57.0772, 57.3551, 70.3497



55.5536, 57.3551, 52.9262



51.0346, 57.3551, 64.9479

Complementary

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



57.0772, 57.3551, 70.3497



57.8665, 63.6305, 61.4594

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.



51.0787, 57.3551, 59.5387



57.0772, 57.3551, 70.3497



53.6580, 57.3551, 52.8081

Square

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



57.0772, 57.3551, 70.3497



57.2071, 57.3551, 55.4974



52.0293, 57.3551, 55.1649



51.9074, 57.3551, 69.9602

Rectangle

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



57.0772, 57.3551, 70.3497



58.2484, 57.3551, 61.7931



52.0293, 57.3551, 55.1649



50.9433, 57.3551, 63.1115

Sweetspot

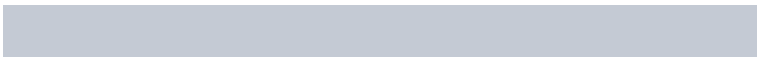
The Sweet Spot groups the original color and five complimentary colors.



57.0789, 57.3576, 70.3510



92.7443, 96.4281, 108.3321



55.8026, 58.7952, 70.6957



19.8753, 20.6770, 23.1935



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.



57.0789, 57.3576, 70.3510



85.0645, 84.6252, 106.4587



58.5424, 58.1391, 69.1975



12.4807, 12.3892, 15.6711



13.3723, 6.0462, 38.9154



0.8969, 0.4113, 2.3514

Inverse Universe

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



57.5539, 57.7437, 63.9921



85.9368, 85.3318, 94.8925



56.4881, 62.8953, 62.5108



12.6140, 12.4971, 13.9075



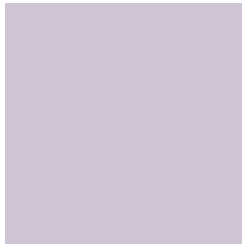
17.6896, 9.0122, 5.6694



1.1065, 0.5594, 0.5501

Previews

White Background



This preview shows how the XYZ color 57.0772, 57.3551, 70.3497 looks on a white background.

Color Contrast Check

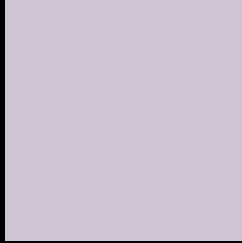
Large Text (above 18pt) WCAG AA × Fail

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 57.0772, 57.3551, 70.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

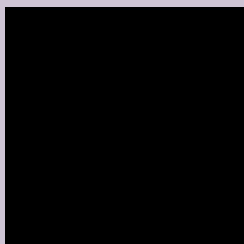
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0772, 57.3551, 70.3497

Background



This preview shows how black text looks on a background with the XYZ color 57.0772, 57.3551, 70.3497.

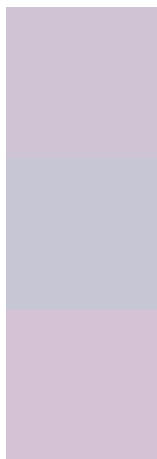


This preview shows how white text looks on a background with the XYZ color 57.0772, 57.3551,

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

57.0772, 57.3551, 70.3497

Protanopia

55.7575, 57.3344, 71.0787

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

57.0772, 57.3551, 70.3497

Trichromacy



Original Color

57.0772, 57.3551, 70.3497

Protanomaly

56.3336, 57.2932, 71.0404

Deuteranomaly

57.9771, 57.4853, 70.3274

Tritanomaly

57.0772, 57.3551, 70.3497

Monochromacy



Original Color

57.0772, 57.3551, 70.3497

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.0715, 57.9511, 65.9880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0772, 57.3551, 70.3497 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(206, 196, 212) looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.0772, 57.3551, 70.3497 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(206, 196, 212) }
```


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

```
.border{ border-color:rgb(206, 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(206, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0772, 57.3551, 70.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 212) }
```

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

```
.background{ background-color: rgb(206,  
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](#).

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