

Converting Colors

XYZ(56.9940, 59.5880, 67.2430)

Have a look what the booklet for
XYZ(56.9940, 59.5880, 67.2430)
contains.

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Color

**XYZ(57.0116, 59.4426,
67.5002)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCACF
RGB	203, 202, 207
RGB Percent	80%, 79%, 81%
CMY	0.2039, 0.2078, 0.1882
CMYK	0.02, 0.02, 0.00, 0.19
HSL	252°, 5%, 80%
HSV	252°, 2%, 81%
XYZ	57.0116, 59.4426, 67.5002
YIQ	202.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

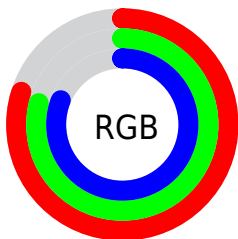
Format	Color
R _Y B	203, 202, 207
Decimal	13355727
CIE Lab	81.53, 1.27, -2.37
CIE LCh	82, 2.690, 298.150
Yxy	59.4426, 0.3099, 0.3231
Android (android.graphics.Color)	4291545807 (0xFFCBCACF)
YUV	202.8690, 2.0366, 0.1149
Hunter-Lab	77.0990, -2.9298, 2.0609

Details

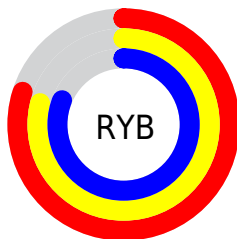
The XYZ color **57.0116, 59.4426, 67.5002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4294, 62.0134, 64.7704**, and the grayscale version is **56.6721, 59.6235, 64.9299**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7341, 29.8693, 34.3879** is the 20% darker color. If you saturate the color by 10%, you get **48.2026, 48.1698, 65.7895**, and if you desaturate by 10%, it is **66.9579, 72.2722, 69.4532**.

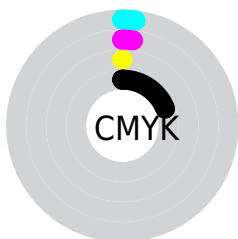
Distribution



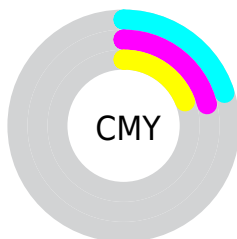
- Red (80%)
- Green (79%)
- Blue (81%)



- Red (80%)
- Yellow (79%)
- Blue (81%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0116, 59.4426, 67.5002 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 57.0116, 59.4426, 67.5002 by changing the saturation by 10% instead.

■ 57.0116, 59.4426,
67.5002

■ 57.0116, 59.4426,
67.5002

403.5063,
422.5402, 470.2730

■ 41.2547, 42.9695,
49.0271

99.6134, 104.0207,
117.2843

■ 28.7067, 29.8612,
34.2752

127.1890,
132.8944, 149.4324

■ 19.0022, 19.7333,
22.8260

159.4349,
166.6705, 186.9758

■ 11.7759, 12.2013,
14.2610

196.7164,
205.7334, 230.3332

■ 6.6624, 6.8809,
8.1616

239.3990,
250.4674, 279.9231

■ 3.2963, 3.3877,
4.1093

287.8479,

■ 1.3123, 1.3374,

301.2569, 336.1640

1.6855

342.4286,
358.4864, 399.4745

■ 0.1924, 0.1699,
0.3508

■ 0.0000, 0.0000,
0.0000

■ 57.0116, 59.4426,
67.5002

■ 57.0116, 59.4426,
67.5002

■ 48.2026, 48.1698,
65.7895

■ 66.9579, 72.2722,
69.4532

■ 40.4851, 38.3869,
64.3080

■ 78.0753, 86.7070,
71.6535

■ 33.8173, 30.0333,
63.0470

■ 87.4283, 96.8549,
73.1193

■ 28.1531, 23.0415,
61.9960

■ 88.2627, 97.2851,
73.1583

■ 23.4427, 17.3381,
61.1434

■ 19.6319, 12.8432,
60.4766

■ 16.6609, 9.4676,
59.9817

■ 14.4622, 7.1092,
59.6423

■ 12.9568, 5.6470,
59.4394

Harmonies

Analogous

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



56.4634, 59.4426, 67.8771



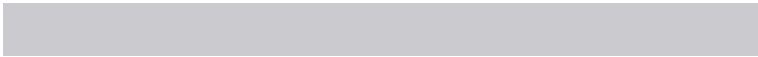
57.0116, 59.4426, 67.5002



57.4246, 59.4426, 66.3757

Triad

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



57.0116, 59.4426, 67.5002



57.0726, 59.4426, 62.1203



55.4214, 59.4426, 64.6227

Complementary

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



57.0116, 59.4426, 67.5002



58.4294, 62.0134, 64.7704

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.



55.5822, 59.4426, 63.0977



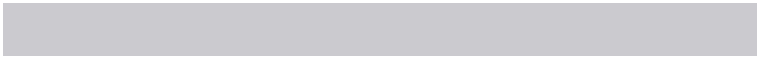
57.0116, 59.4426, 67.5002



56.5334, 59.4426, 61.6680

Square

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



57.0116, 59.4426, 67.5002



57.4600, 59.4426, 63.2686



55.9883, 59.4426, 62.0228



55.5476, 59.4426, 66.1993

Rectangle

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



57.0116, 59.4426, 67.5002



57.5664, 59.4426, 65.3628



55.9883, 59.4426, 62.0228



55.4437, 59.4426, 64.0872

Sweetspot

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



57.0133, 59.4451, 67.5015



93.4948, 97.9986, 108.5957



57.7130, 61.2460, 67.8122



20.0281, 20.9968, 23.2471



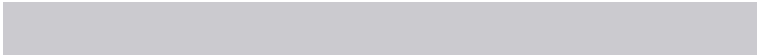
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.0133, 59.4451, 67.5015



90.4404, 94.0727, 107.9989



57.6770, 59.7873, 67.5326



12.5087, 12.9742, 15.0886



7.7411, 3.1710, 37.3966



0.4986, 0.2112, 2.0941

Inverse Universe

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



57.9954, 59.9655, 66.9135



92.4132, 95.1179, 106.8143



57.7632, 61.6699, 64.7392



12.8498, 13.1549, 14.8831



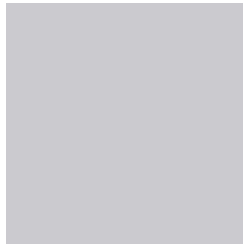
20.5673, 10.0998, 23.6913



1.1763, 0.5752, 1.4633

Previews

White Background



This preview shows how the XYZ color 57.0116, 59.4426, 67.5002 looks on a white background.

Color Contrast Check

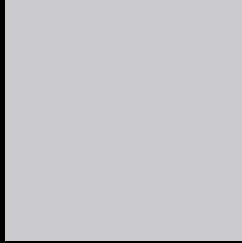
Large Text (above 18pt) WCAG AA × Fail

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 57.0116, 59.4426, 67.5002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

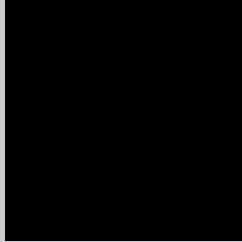
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

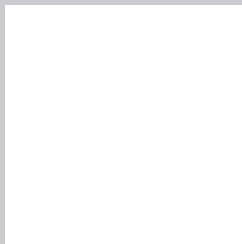
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0116, 59.4426, 67.5002

Background



This preview shows how black text looks on a background with the XYZ color 57.0116, 59.4426, 67.5002.

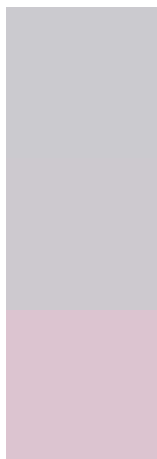


This preview shows how white text looks on a background with the XYZ color 57.0116, 59.4426,

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

57.0116, 59.4426, 67.5002

Protanopia

57.3260, 59.2574, 67.4479

Deuteranopia

60.6403, 59.2496, 67.9147



Tritanopia

58.1832, 59.5685, 73.3970

Trichromacy



Original Color

57.0116, 59.4426, 67.5002

Protanomaly

57.0510, 59.1157, 67.4350

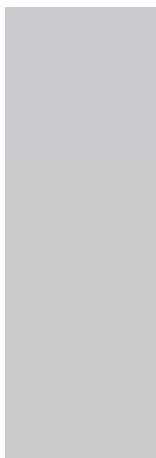
Deuteranomaly

59.3108, 59.2384, 67.9826

Tritanomaly

57.7987, 59.4148, 71.3727

Monochromacy



Original Color

57.0116, 59.4426, 67.5002

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8836, 59.7680, 65.6650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0116, 59.4426, 67.5002 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(203, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 207)  
}
```

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(203, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.0116, 59.4426, 67.5002 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(203, 202, 207) }
```


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

```
.border{ border-color:rgb(203, 202, 207) }
```

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

Here you see how a box with a 4 pixel rgb(203, 202, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0116, 59.4426, 67.5002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 207) }
```

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

```
.background{ background-color: rgb(203,  
202, 207) }
```

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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