

Converting Colors

XYZ(54.4030, 57.0969, 67.3186)

Have a look what the booklet for
XYZ(54.4030, 57.0969, 67.3186)
contains.

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Color

**XYZ(54.4509, 57.0876,
67.1806)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7CF
RGB	196, 199, 207
RGB Percent	77%, 78%, 81%
CMY	0.2314, 0.2196, 0.1882
CMYK	0.05, 0.04, 0.00, 0.19
HSL	224°, 10%, 79%
HSV	224°, 5%, 81%
XYZ	54.4509, 57.0876, 67.1806
YIQ	199.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

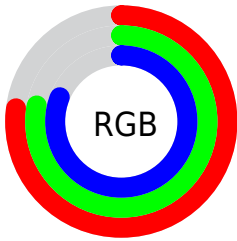
Format	Color
R_{YB}	196, 198, 207
Decimal	12896207
CIE _{Lab}	80.23, 0.49, -4.35
CIE _{LCh}	80, 4.380, 276.367
Yxy	57.0876, 0.3047, 0.3194
Android (android.graphics.Color)	4291086287 (0xFFC4C7CF)
YUV	199.0150, 3.9366, -2.6442
Hunter-Lab	75.5563, -3.5847, 0.1720

Details

The XYZ color **54.4509, 57.0876, 67.1806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2890, 60.4362, 60.8715**, and the grayscale version is **54.2753, 57.1018, 62.1839**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.0305, 28.3015, 34.1751** is the 20% darker color. If you saturate the color by 10%, you get **46.1409, 47.9164, 65.8492**, and if you desaturate by 10%, it is **63.8496, 67.3315, 68.6634**.

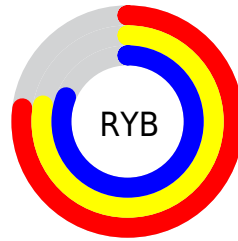
Distribution



Red (77%)

Green (78%)

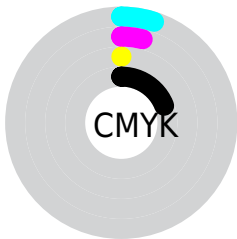
Blue (81%)



Red (77%)

Yellow (78%)

Blue (81%)

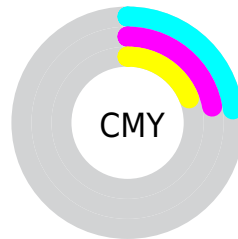


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (23%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4509, 57.0876, 67.1806 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 54.4509, 57.0876, 67.1806 by changing the saturation by 10% instead.

■ 54.4509, 57.0876,
67.1806

■ 54.4509, 57.0876,
67.1806

393.9975,
413.7775, 469.1063

■ 39.1944, 41.0756,
48.7689

95.8890, 100.5930,
116.8223

■ 27.0924, 28.3781,
34.0719

122.8013,
128.8552, 148.8893

■ 17.7796, 18.6109,
22.6710

154.3295,
161.9695, 186.3452

■ 10.8906, 11.3895,
14.1478

190.8390,
200.3204, 229.6085

■ 6.0600, 6.3294,
8.0836

232.6953,
244.2922, 279.0977

■ 2.9226, 3.0464,
4.0599

280.2635,

■ 1.1130, 1.1560,

294.2694, 335.2314

1.6583

333.9091,
350.6364, 398.4281

■ 0.0359, 0.0253,
0.3319

■ 0.0000, 0.0000,
0.0000

■ 54.4509, 57.0876,
67.1806

■ 54.4509, 57.0876,
67.1806

■ 46.1409, 47.9164,
65.8492

■ 63.8496, 67.3315,
68.6634

■ 38.8744, 39.7753,
64.6608

■ 74.3699, 78.6745,
70.2983

■ 32.6105, 32.6294,
63.6117

■ 84.8991, 90.5580,
72.0371

■ 27.3035, 26.4388,
62.6965

■ 88.2626, 97.2851,
73.1583

■ 22.9040, 21.1612,
61.9097

■ 19.3580, 16.7506,
61.2452

■ 16.6056, 13.1566,
60.6966

■ 14.5779, 10.3232,
60.2566

■ 13.1929, 8.1853,
59.9169

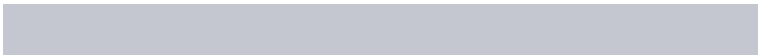
Harmonies

Analogous

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



53.5739, 57.0876, 66.7786



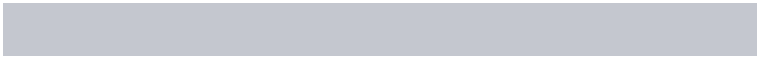
54.4509, 57.0876, 67.1806



55.2857, 57.0876, 66.2076

Triad

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



54.4509, 57.0876, 67.1806



55.6560, 57.0876, 59.2851



52.7005, 57.0876, 60.2061

Complementary

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



54.4509, 57.0876, 67.1806



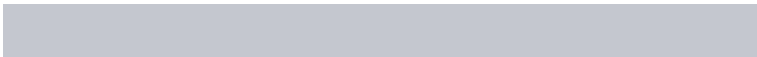
57.2890, 60.4362, 60.8715

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.



53.2472, 57.0876, 58.2784



54.4509, 57.0876, 67.1806



54.9520, 57.0876, 57.7570

Square

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



54.4509, 57.0876, 67.1806



55.9863, 57.0876, 61.6144



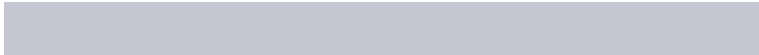
54.0696, 57.0876, 57.3935



52.5696, 57.0876, 62.7062

Rectangle

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



54.4509, 57.0876, 67.1806



55.7038, 57.0876, 64.9253



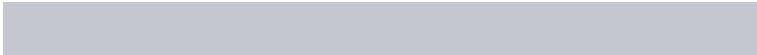
54.0696, 57.0876, 57.3935



52.8414, 57.0876, 59.4718

Sweetspot

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



54.4525, 57.0900, 67.1819



92.0271, 96.7026, 108.4229



55.9638, 60.7164, 65.8242



19.7293, 20.7330, 23.2120



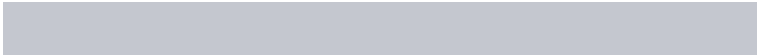
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.4525, 57.0900, 67.1819



86.1970, 90.3200, 107.4982



54.3933, 56.0439, 66.9831



11.9648, 12.5320, 15.0320



8.0707, 4.7880, 37.6913



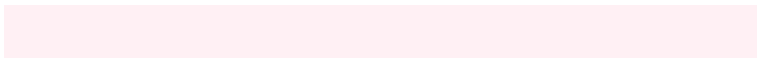
0.5180, 0.4012, 2.1297

Inverse Universe

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



55.7822, 56.8700, 62.0726



88.6223, 89.9279, 98.1768



57.3488, 61.5368, 61.0808



12.3322, 12.4736, 13.6196



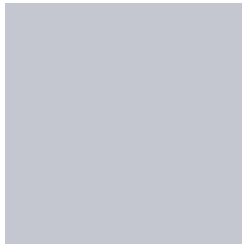
16.7044, 8.5546, 3.3498



0.9677, 0.4918, 0.3647

Previews

White Background



This preview shows how the XYZ color 54.4509, 57.0876, 67.1806 looks on a white background.

Color Contrast Check

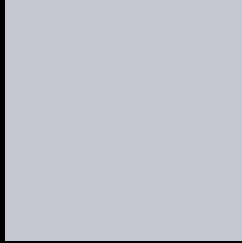
Large Text (above 18pt) WCAG AA × Fail

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 54.4509, 57.0876, 67.1806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

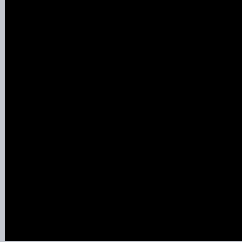
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

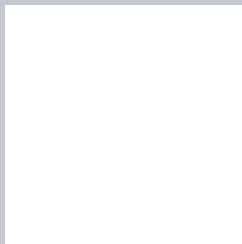
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4509, 57.0876, 67.1806

Background



This preview shows how black text looks on a background with the XYZ color 54.4509, 57.0876, 67.1806.

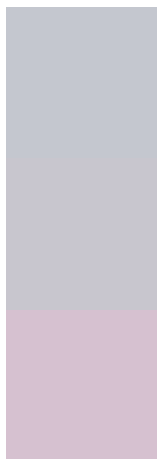


This preview shows how white text looks on a background with the XYZ color 54.4509, 57.0876,

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

54.4509, 57.0876, 67.1806

Protanopia

55.1541, 57.1238, 66.5116

Deuteranopia

58.1867, 56.9901, 67.6079



Tritanopia

55.3576, 57.1135, 71.7247

Trichromacy



Original Color

54.4509, 57.0876, 67.1806

Protanomaly

54.8878, 56.9865, 66.4991

Deuteranomaly

56.6324, 56.8497, 67.6627

Tritanomaly

54.9779, 56.9616, 69.7251

Monochromacy



Original Color

54.4509, 57.0876, 67.1806

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.3728, 57.1169, 64.0360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4509, 57.0876, 67.1806 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(196, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 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(196, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.4509, 57.0876, 67.1806 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(196, 199, 207) }
```


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

```
.border{ border-color:rgb(196, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4509, 57.0876, 67.1806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 207) }
```

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

```
.background{ background-color: rgb(196,  
199, 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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