

Converting Colors

XYZ(54.9370, 57.4761, 67.8730)

Have a look what the booklet for
XYZ(54.9370, 57.4761, 67.8730)
contains.

XYZ(54.8345, 57.2712, 67.8389)	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(54.8345, 57.2712,
67.8389)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C7D0
RGB	197, 199, 208
RGB Percent	77%, 78%, 82%
CMY	0.2274, 0.2196, 0.1843
CMYK	0.05, 0.04, 0.00, 0.18
HSL	229°, 10%, 79%
HSV	229°, 5%, 82%
XYZ	54.8345, 57.2712, 67.8389
YIQ	199.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

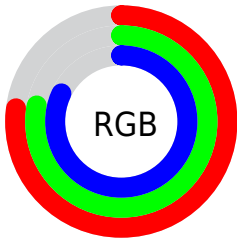
Format	Color
R_{YB}	197, 199, 208
Decimal	12961744
CIE Lab	80.33, 1.01, -4.73
CIE LCh	80, 4.837, 282.106
Yxy	57.2712, 0.3047, 0.3183
Android (android.graphics.Color)	4291151824 (0xFFC5C7D0)
YUV	199.4280, 4.2260, -2.1294
Hunter-Lab	75.6777, -3.0987, -0.1742

Details

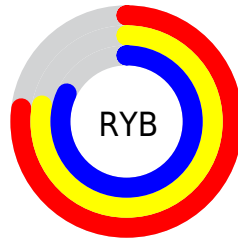
The XYZ color **54.8345, 57.2712, 67.8389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1619, 61.5831, 61.6454**, and the grayscale version is **54.5263, 57.3659, 62.4715**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.2858, 28.4235, 34.6200** is the 20% darker color. If you saturate the color by 10%, you get **46.0618, 47.2606, 66.3699**, and if you desaturate by 10%, it is **64.7996, 68.5493, 69.4914**.

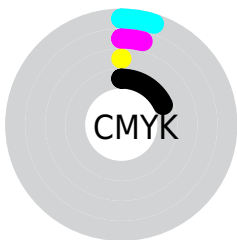
Distribution



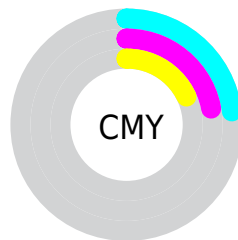
- Red (77%)
- Green (78%)
- Blue (82%)



- Red (77%)
- Yellow (78%)
- Blue (82%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8345, 57.2712, 67.8389 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 54.8345, 57.2712, 67.8389 by changing the saturation by 10% instead.

■ 54.8345, 57.2712,
67.8389

■ 54.8345, 57.2712,
67.8389

395.4309,
414.4648, 471.5076

■ 39.5026, 41.2230,
49.3008

96.4482, 100.8608,
117.7737

■ 27.3334, 28.4934,
34.4909

123.4606,
129.1710, 150.0075

■ 17.9616, 18.6979,
22.9906

155.0972,
162.3373, 187.6435

■ 11.0220, 11.4522,
14.3813

191.7234,
200.7442, 231.1005

■ 6.1490, 6.3719,
8.2446

233.7045,
244.7760, 280.7968

■ 2.9774, 3.0725,
4.1618

281.4059,

■ 1.1418, 1.1697,

294.8171, 337.1511

1.7145

335.1929,
351.2519, 400.5818

■ 0.0597, 0.0367,
0.3707

■ 0.0000, 0.0000,
0.0000

■ 54.8345, 57.2712,
67.8389

■ 54.8345, 57.2712,
67.8389

■ 46.0618, 47.2606,
66.3699

■ 64.7996, 68.5493,
69.4914

■ 38.4316, 38.4657,
65.0745

■ 75.9947, 81.1298,
71.3297

■ 31.8979, 30.8419,
63.9473

■ 86.8237, 94.2108,
73.2838

■ 26.4093, 24.3391,
62.9814

■ 88.3853, 97.3341,
73.8044

■ 21.9106, 18.9034,
62.1693

■ 18.3412, 14.4764,
61.5030

■ 15.6336, 10.9940,
60.9735

■ 13.7109, 8.3841,
60.5711

■ 12.4809, 6.5632,
60.2844

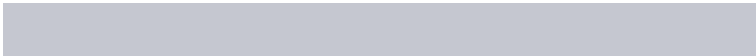
Harmonies

Analogous

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



53.8521, 57.2712, 67.6884



54.8345, 57.2712, 67.8389



55.7201, 57.2712, 66.4887

Triad

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



54.8345, 57.2712, 67.8389



55.8582, 57.2712, 58.7764



52.6442, 57.2712, 60.6995

Complementary

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



54.8345, 57.2712, 67.8389



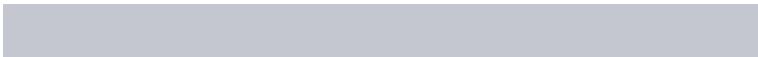
58.1619, 61.5831, 61.6454

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.



53.1689, 57.2712, 58.4032



54.8345, 57.2712, 67.8389



55.0212, 57.2712, 57.3162

Square

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



54.8345, 57.2712, 67.8389



56.3159, 57.2712, 61.2230



54.0366, 57.2712, 57.1817



52.5956, 57.2712, 63.5082

Rectangle

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



54.8345, 57.2712, 67.8389



56.1333, 57.2712, 64.9424



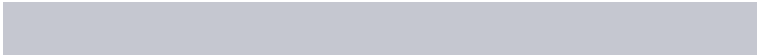
54.0366, 57.2712, 57.1817



52.7704, 57.2712, 59.8442

Sweetspot

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



54.8362, 57.2736, 67.8402



91.8822, 96.4130, 108.3746



56.7213, 61.4384, 67.2521



19.6998, 20.6740, 23.2021



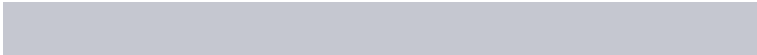
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.8362, 57.2736, 67.8402



85.7805, 89.4870, 107.3593



55.3010, 56.8335, 67.7307



11.9019, 12.4062, 15.0110



7.5768, 3.8001, 37.5267



0.4774, 0.3200, 2.1162

Inverse Universe

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



56.2887, 57.4670, 62.1612



88.4120, 89.8438, 97.0697



57.6785, 62.0544, 61.7619



12.3004, 12.4609, 13.4523



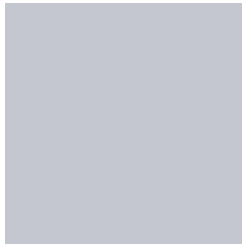
16.4551, 8.4549, 2.0370



0.9472, 0.4836, 0.2568

Previews

White Background



This preview shows how the XYZ color 54.8345, 57.2712, 67.8389 looks on a white background.

Color Contrast Check

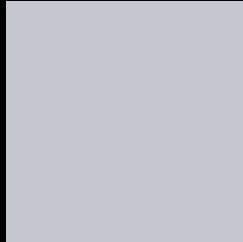
Large Text (above 18pt) WCAG AA × Fail

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 54.8345, 57.2712, 67.8389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

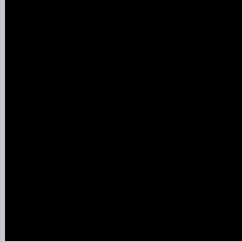
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

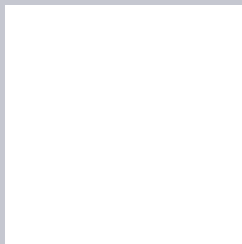
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8345, 57.2712, 67.8389

Background



This preview shows how black text looks on a background with the XYZ color 54.8345, 57.2712, 67.8389.

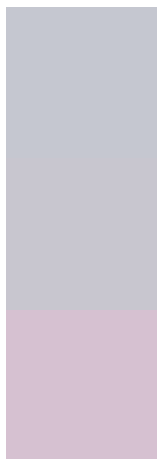


This preview shows how white text looks on a background with the XYZ color 54.8345, 57.2712,

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

54.8345, 57.2712, 67.8389

Protanopia

55.2760, 57.1725, 67.1535

Deuteranopia

58.3101, 57.0395, 68.2581



Tritanopia

55.6204, 57.2490, 71.7370

Trichromacy



Original Color

54.8345, 57.2712, 67.8389

Protanomaly

55.0098, 57.0353, 67.1411

Deuteranomaly

57.0362, 57.0436, 68.3260

Tritanomaly

55.3665, 57.1474, 70.3998

Monochromacy



Original Color

54.8345, 57.2712, 67.8389

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 54.8345, 57.2712, 67.8389 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(197, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 199, 208)  
}
```

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(197, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 199, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.8345, 57.2712, 67.8389 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(197, 199, 208) }
```


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

```
.border{ border-color:rgb(197, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 199,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8345, 57.2712, 67.8389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 199, 208) }
```

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

```
.background{ background-color: rgb(197,  
199, 208) }
```

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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