

Converting Colors

XYZ(53.9654, 58.4659, 67.1842)

Have a look what the booklet for
XYZ(53.9654, 58.4659, 67.1842)
contains.

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Color

**XYZ(54.0906, 58.6379,
67.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	BECCCF
RGB	190, 204, 207
RGB Percent	75%, 80%, 81%
CMY	0.2549, 0.2000, 0.1882
CMYK	0.08, 0.01, 0.00, 0.19
HSL	191°, 15%, 78%
HSV	191°, 8%, 81%
XYZ	54.0906, 58.6379, 67.4988
YIQ	200.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

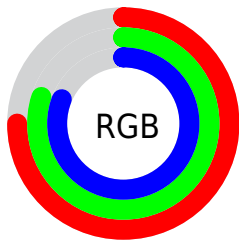
Format	Color
R_{YB}	190, 198, 207
Decimal	12504271
CIE _{Lab}	81.09, -4.15, -3.13
CIE _{LCh}	81, 5.202, 217.027
Yxy	58.6379, 0.3001, 0.3254
Android (android.graphics.Color)	4290694351 (0xFFBECCCF)
YUV	200.1560, 3.3741, -8.9068
Hunter-Lab	76.5754, -7.9198, 1.3405

Details

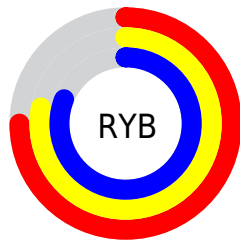
The XYZ color **54.0906, 58.6379, 67.4988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0966, 55.1227, 56.5048**, and the grayscale version is **54.9812, 57.8445, 62.9927**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.9726, 29.4310, 34.3961** is the 20% darker color. If you saturate the color by 10%, you get **48.4264, 54.4469, 66.9893**, and if you desaturate by 10%, it is **60.5129, 63.2530, 68.0520**.

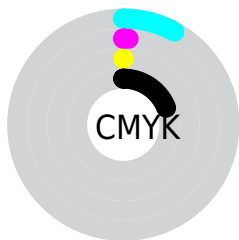
Distribution



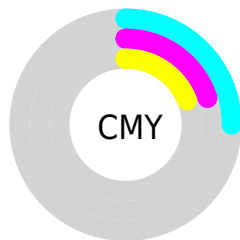
- Red (75%)
- Green (80%)
- Blue (81%)



- Red (75%)
- Yellow (78%)
- Blue (81%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (25%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0906, 58.6379, 67.4988 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 54.0906, 58.6379, 67.4988 by changing the saturation by 10% instead.

■ 54.0906, 58.6379,
67.4988

■ 54.0906, 58.6379,
67.4988

392.6481,
419.5587, 470.2679

■ 38.9051, 42.3217,
49.0260

■ 95.3634, 102.8512,
117.2823

■ 26.8663, 29.3533,
34.2743

122.1813,
131.5171, 149.4300

■ 17.6089, 19.3482,
22.8254

153.6074,
165.0683, 186.9731

■ 10.7675, 11.9222,
14.2605

190.0071,
203.8893, 230.3301

■ 5.9769, 6.6907,
8.1613

231.7456,
248.3645, 279.9195

■ 2.8716, 3.2694,
4.1091

279.1884,

■ 1.0862, 1.2740,

298.8782, 336.1599

1.6854

332.7008,
355.8148, 399.4699

■ 0.0135, 0.1209,
0.3507

■ 0.0000, 0.0000,
0.0000

■ 54.0906, 58.6379,
67.4988

■ 54.0906, 58.6379,
67.4988

■ 48.4264, 54.4469,
66.9893

■ 60.5129, 63.2530,
68.0520

■ 43.4842, 50.6565,
66.5182

■ 67.7172, 68.3001,
68.6465

■ 39.2325, 47.2519,
66.0851

■ 75.7328, 73.7960,
69.2848

■ 35.6358, 44.2144,
65.6884

■ 77.7302, 76.2202,
69.6475

■ 32.6549, 41.5237,
65.3261

■ 78.6904, 78.1406,
69.9676

■ 30.2465, 39.1573,
64.9963

■ 79.6716, 80.1030,
70.2946

■ 28.3615, 37.0897,
64.6966

■ 80.6739, 82.1077,
70.6287

■ 26.9423, 35.2909,
64.4242

■ 81.6975, 84.1548,
70.9699

■ 25.9026, 33.7162,
64.1750

■ 82.7425, 86.2447,
71.3182

Harmonies

Analogous

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



53.6960, 58.6379, 64.5777



54.0906, 58.6379, 67.4988



54.9262, 58.6379, 69.4855

Triad

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



54.0906, 58.6379, 67.4988



57.6692, 58.6379, 66.1983



55.4797, 58.6379, 58.1191

Complementary

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



54.0906, 58.6379, 67.4988



54.0966, 55.1227, 56.5048

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.



56.5488, 58.6379, 58.5215



54.0906, 58.6379, 67.4988



57.8220, 58.6379, 63.1213

Square

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



54.0906, 58.6379, 67.4988



56.9946, 58.6379, 68.7179



57.4095, 58.6379, 60.3288



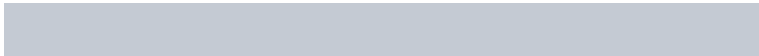
54.4913, 58.6379, 59.2113

Rectangle

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



54.0906, 58.6379, 67.4988



55.6258, 58.6379, 69.9777



57.4095, 58.6379, 60.3288



55.8415, 58.6379, 58.0847

Sweetspot

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



54.0923, 58.6404, 67.5001



92.9124, 98.4732, 108.7180



53.1561, 59.4166, 59.0226



19.9095, 21.0934, 23.2720



0.0000, 0.0000, 0.0000



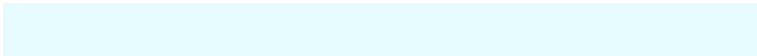
20.3446, 21.4041, 23.3091

Same Dimension

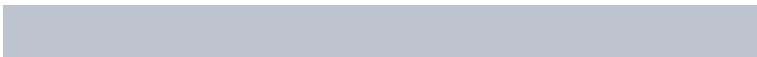
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.0923, 58.6404, 67.5001



84.8655, 92.6457, 108.0173



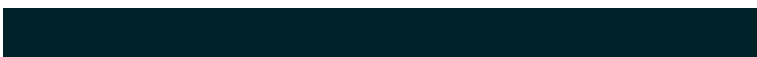
52.1635, 54.7829, 66.8572



11.9737, 13.0377, 15.1291



16.2752, 21.1970, 40.4261



0.9576, 1.2805, 2.2762

Inverse Universe

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



55.0460, 54.4532, 64.7389



86.7325, 84.5096, 102.5987



55.9918, 58.9130, 57.1365



12.2176, 11.9718, 14.4218



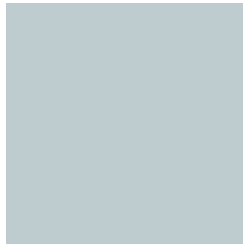
20.8457, 10.2111, 25.1573



1.1896, 0.5806, 1.5332

Previews

White Background



This preview shows how the XYZ color 54.0906, 58.6379, 67.4988 looks on a white background.

Color Contrast Check

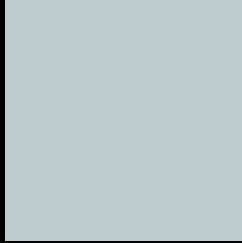
Large Text (above 18pt) WCAG AA × Fail

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 54.0906, 58.6379, 67.4988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

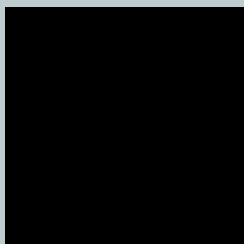
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

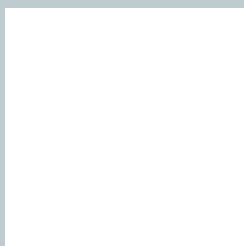
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0906, 58.6379, 67.4988

Background



This preview shows how black text looks on a background with the XYZ color 54.0906, 58.6379, 67.4988.

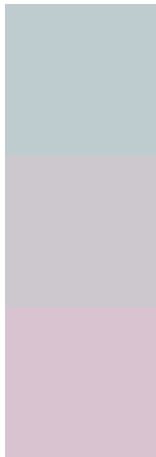


This preview shows how white text looks on a background with the XYZ color 54.0906, 58.6379,

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

54.0906, 58.6379, 67.4988

Protanopia

56.5756, 58.5537, 66.0777

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

55.5136, 58.5095, 74.6972

Trichromacy



Original Color

54.0906, 58.6379, 67.4988

Protanomaly

55.5804, 58.3716, 66.7300

Deuteranomaly

57.3114, 58.2076, 67.8891

Tritanomaly

54.9794, 58.6433, 72.0399

Monochromacy



Original Color

54.0906, 58.6379, 67.4988

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4311, 57.8208, 64.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0906, 58.6379, 67.4988 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(190, 204, 207) looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 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(190, 204, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.0906, 58.6379, 67.4988 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(190, 204, 207) }
```


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

```
.border{ border-color:rgb(190, 204, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0906, 58.6379, 67.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 207) }
```

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

```
.background{ background-color: rgb(190,  
204, 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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