

Converting Colors

XYZ(54.8921, 58.0123, 67.2574)

Have a look what the booklet for
XYZ(54.8921, 58.0123, 67.2574)
contains.

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Color

**XYZ(54.9141, 58.0140,
67.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C9CF
RGB	196, 201, 207
RGB Percent	77%, 79%, 81%
CMY	0.2314, 0.2117, 0.1882
CMYK	0.05, 0.03, 0.00, 0.19
HSL	213°, 10%, 79%
HSV	213°, 5%, 81%
XYZ	54.9141, 58.0140, 67.3350
YIQ	200.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

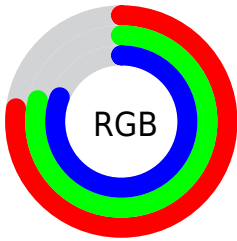
Format	Color
R_{YB}	196, 199, 207
Decimal	12896719
CIE Lab	80.75, -0.57, -3.59
CIE LCh	81, 3.636, 260.953
Yxy	58.0140, 0.3046, 0.3218
Android (android.graphics.Color)	4291086799 (0xFFC4C9CF)
YUV	200.1890, 3.3578, -3.6738
Hunter-Lab	76.1669, -4.5989, 0.9018

Details

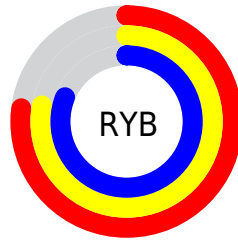
The XYZ color **54.9141, 58.0140, 67.3350** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8167, 59.4916, 60.7141**, and the grayscale version is **54.9996, 57.8639, 63.0138**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.3388, 28.9181, 34.2778** is the 20% darker color. If you saturate the color by 10%, you get **47.3623, 50.3593, 66.2564**, and if you desaturate by 10%, it is **63.4054, 66.4432, 68.5154**.

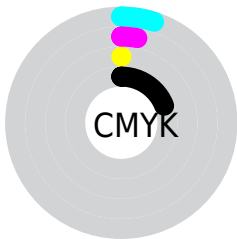
Distribution



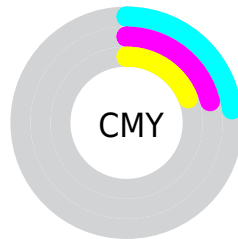
- Red (77%)
- Green (79%)
- Blue (81%)



- Red (77%)
- Yellow (78%)
- Blue (81%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9141, 58.0140, 67.3350 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 54.9141, 58.0140, 67.3350 by changing the saturation by 10% instead.

■ 54.9141, 58.0140,
67.3350

■ 54.9141, 58.0140,
67.3350

395.7279,
417.2381, 469.6702

■ 39.5665, 41.8199,
48.8936

96.5641, 101.9432,
117.0455

■ 27.3834, 28.9603,
34.1701

123.5973,
130.4472, 149.1517

■ 17.9995, 19.0508,
22.7459

155.2564,
163.8232, 186.6499

■ 11.0493, 11.7070,
14.2024

191.9068,
202.4557, 229.9587

■ 6.1675, 6.5445,
8.1212

233.9137,
246.7290, 279.4966

■ 2.9888, 3.1789,
4.0837

281.6427,

■ 1.1479, 1.2258,

297.0276, 335.6821

1.6714

335.4590,
353.7358, 398.9338

■ 0.0646, 0.0827,
0.3410

■ 0.0000, 0.0000,
0.0000

■ 54.9141, 58.0140,
67.3350

■ 54.9141, 58.0140,
67.3350

■ 47.3623, 50.3593,
66.2564

■ 63.4054, 66.4432,
68.5154

■ 40.7107, 43.4479,
65.2729

■ 72.8638, 75.6623,
69.7963

■ 34.9243, 37.2570,
64.3830

■ 82.1712, 85.1021,
71.1278

■ 29.9641, 31.7600,
63.5834

■ 85.5030, 91.7657,
72.2384

■ 25.7874, 26.9281,
62.8708

■ 88.2627, 97.2851,
73.1583

■ 22.3478, 22.7302,
62.2419

■ 19.5933, 19.1321,
61.6925

■ 17.4639, 16.0952,
61.2186

■ 15.8873, 13.5740,
60.8151

Harmonies

Analogous

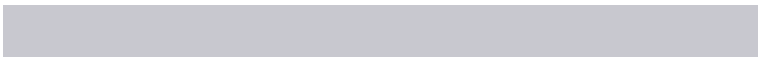
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.2370, 58.0140, 66.4299



54.9141, 58.0140, 67.3350



55.6579, 58.0140, 67.1038

Triad

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



54.9141, 58.0140, 67.3350



56.4985, 58.0140, 61.7017



54.0280, 58.0140, 60.6009

Complementary

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



54.9141, 58.0140, 67.3350



56.8167, 59.4916, 60.7141

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.



54.6264, 58.0140, 59.3880



54.9141, 58.0140, 67.3350



56.0541, 58.0140, 60.0134

Square

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



54.9141, 58.0140, 67.3350



56.5772, 58.0140, 63.8191



55.3677, 58.0140, 59.1754



53.7285, 58.0140, 62.5201

Rectangle

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



54.9141, 58.0140, 67.3350



56.0913, 58.0140, 66.3386



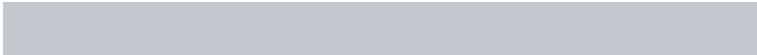
55.3677, 58.0140, 59.1754



54.2006, 58.0140, 60.0989

Sweetspot

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



54.9158, 58.0165, 67.3363



92.3179, 97.2843, 108.5198



55.7236, 60.6203, 64.5593



19.7885, 20.8514, 23.2317



0.0000, 0.0000, 0.0000



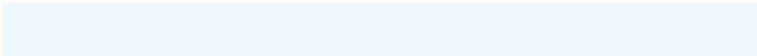
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9158, 58.0165, 67.3363



87.0399, 92.0057, 107.7791



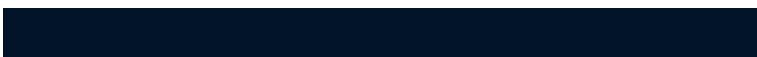
53.8639, 55.7710, 66.9583



12.0923, 12.7870, 15.0745



9.7180, 8.0826, 38.2404



0.6222, 0.6096, 2.1644

Inverse Universe

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



56.0160, 56.9635, 63.3038



89.0477, 90.0980, 100.4171



57.9073, 61.8247, 61.1070



12.3966, 12.4993, 13.9584



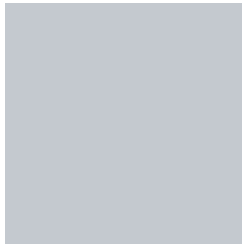
17.5359, 8.8872, 7.7284



1.0203, 0.5128, 0.6416

Previews

White Background



This preview shows how the XYZ color 54.9141, 58.0140, 67.3350 looks on a white background.

Color Contrast Check

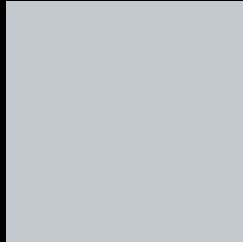
Large Text (above 18pt) WCAG AA × Fail

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 54.9141, 58.0140, 67.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

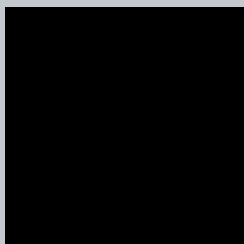
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

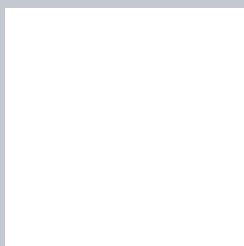
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9141, 58.0140, 67.3350

Background



This preview shows how black text looks on a background with the XYZ color 54.9141, 58.0140, 67.3350.

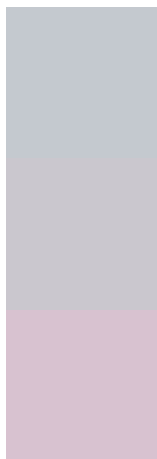


This preview shows how white text looks on a background with the XYZ color 54.9141, 58.0140,

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

54.9141, 58.0140, 67.3350

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

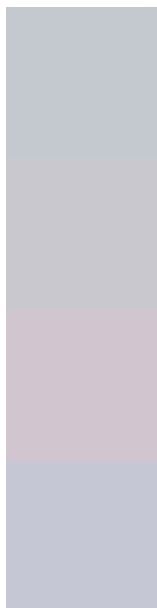
58.9959, 57.7366, 67.7094



Tritanopia

55.9460, 58.0852, 72.5529

Trichromacy



Original Color

54.9141, 58.0140, 67.3350

Protanomaly

55.6143, 58.0441, 66.6650

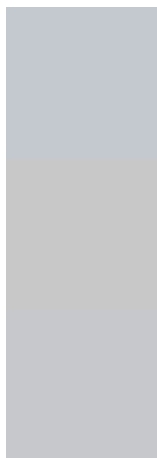
Deuteranomaly

57.6459, 58.0419, 67.8394

Tritanomaly

55.5639, 57.9323, 70.5409

Monochromacy



Original Color

54.9141, 58.0140, 67.3350

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9870, 57.7625, 64.7511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9141, 58.0140, 67.3350 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, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 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, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.9141, 58.0140, 67.3350 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, 201, 207) }
```


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

```
.border{ border-color:rgb(196, 201, 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, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9141, 58.0140, 67.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 207) }
```

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

```
.background{ background-color: rgb(196,  
201, 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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