

Converting Colors

XYZ(54.5139, 59.0486, 65.0483)

Have a look what the booklet for
XYZ(54.5139, 59.0486, 65.0483)
contains.

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Color

**XYZ(54.3647, 58.8350,
64.9909)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CCCB
RGB	193, 204, 203
RGB Percent	76%, 80%, 80%
CMY	0.2431, 0.2000, 0.2039
CMYK	0.05, 0.00, 0.00, 0.20
HSL	175°, 10%, 78%
HSV	175°, 5%, 80%
XYZ	54.3647, 58.8350, 64.9909
YIQ	200.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

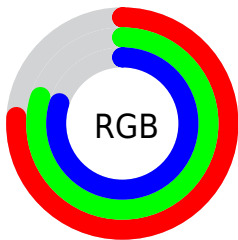
Format	Color
R_{YB}	193, 199, 204
Decimal	12700875
CIE _{Lab}	81.20, -3.92, -0.81
CIE _{LCh}	81, 4.005, 191.620
Yxy	58.8350, 0.3051, 0.3302
Android (android.graphics.Color)	4290890955 (0xFFC1CCCB)
YUV	200.5970, 1.1847, -6.6626
Hunter-Lab	76.7040, -7.7183, 3.4567

Details

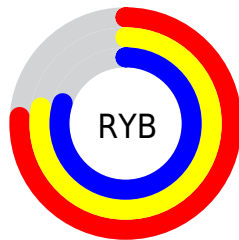
The XYZ color **54.3647, 58.8350, 64.9909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7116, 54.8739, 58.8026**, and the grayscale version is **55.2650, 58.1431, 63.3179**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.9786, 29.4716, 32.7004** is the 20% darker color. If you saturate the color by 10%, you get **49.2987, 56.2505, 63.6047**, and if you desaturate by 10%, it is **60.1541, 61.7954, 66.4272**.

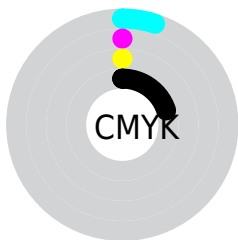
Distribution



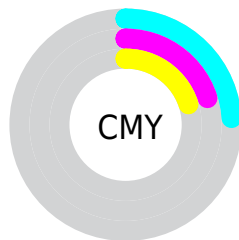
- Red (76%)
- Green (80%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3647, 58.8350, 64.9909 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 54.3647, 58.8350, 64.9909 by changing the saturation by 10% instead.

■ 54.3647, 58.8350,
64.9909

■ 54.3647, 58.8350,
64.9909

393.6749,
420.2902, 461.0646

■ 39.1251, 42.4803,
47.0024

■ 95.7633, 103.1378,
113.6499

■ 27.0383, 29.4776,
32.6832

122.6530,
131.8547, 145.1575

■ 17.7387, 19.4424,
21.6147

154.1568,
165.4612, 182.0086

■ 10.8611, 11.9904,
13.3785

190.6401,
204.3415, 224.6216

■ 6.0401, 6.7371,
7.5559

232.4682,
248.8802, 273.4152

■ 2.9104, 3.2982,
3.7285

280.0065,

■ 1.1065, 1.2894,

299.4616, 328.8079

1.4776

333.6202,
356.4702, 391.2182

■ 0.0306, 0.1329,
0.2011

■ 0.0000, 0.0000,
0.0000

■ 54.3647, 58.8350,
64.9909

■ 54.3647, 58.8350,
64.9909

■ 49.2987, 56.2505,
63.6047

■ 60.1541, 61.7954,
66.4272

■ 44.9220, 54.0194,
62.2634

■ 66.6893, 65.1384,
67.9112

■ 41.2049, 52.1280,
60.9668

■ 73.9982, 68.8799,
69.4454

■ 38.1139, 50.5590,
59.7132

■ 74.5220, 69.1232,
70.6760

■ 35.6124, 49.2937,
58.5009

■ 74.7557, 69.2167,
71.9072

■ 33.6600, 48.3112,
57.3279

■ 74.9922, 69.3113,
73.1525

■ 32.2114, 47.5880,
56.1921

■ 75.2315, 69.4070,
74.4122

■ 31.2137, 47.0970,
55.0910

■ 75.4734, 69.5037,
75.6863

■ 30.6023, 46.8049,
54.0214

■ 75.7181, 69.6016,
76.9747

Harmonies

Analogous

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



54.4127, 58.8350, 62.6240



54.3647, 58.8350, 64.9909



54.7306, 58.8350, 67.1606

Triad

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



54.3647, 58.8350, 64.9909



56.9929, 58.8350, 67.5566



56.4281, 58.8350, 59.8007

Complementary

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



54.3647, 58.8350, 64.9909



53.7116, 54.8739, 58.8026

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.



57.1284, 58.8350, 61.0589



54.3647, 58.8350, 64.9909



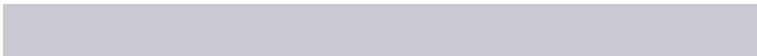
57.4567, 58.8350, 65.5205

Square

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



54.3647, 58.8350, 64.9909



56.2446, 58.8350, 68.6663



57.5065, 58.8350, 63.1406



55.5985, 58.8350, 59.6670

Rectangle

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



54.3647, 58.8350, 64.9909



55.1621, 58.8350, 68.1878



57.5065, 58.8350, 63.1406



56.6867, 58.8350, 60.1047

Sweetspot

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



54.3664, 58.8375, 64.9922



93.1237, 99.0156, 108.4195



53.4941, 58.5211, 58.9293



19.9525, 21.2037, 23.2113



0.0000, 0.0000, 0.0000



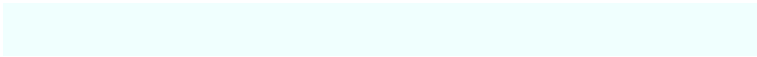
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3664, 58.8375, 64.9922



89.4196, 97.1233, 107.4684



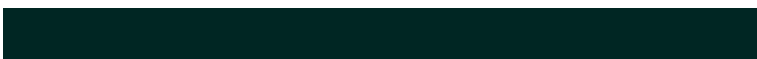
53.4549, 56.8226, 65.2802



11.8223, 12.8746, 14.2637



19.1473, 29.4042, 33.7905



1.0010, 1.5222, 1.8127

Inverse Universe

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



53.7116, 54.8739, 58.8026



88.2032, 89.7602, 95.9702



54.5868, 56.8041, 58.5403



11.6480, 11.8195, 12.6161



15.7606, 8.1148, 1.1918



0.8277, 0.4245, 0.1385

Previews

White Background



This preview shows how the XYZ color 54.3647, 58.8350, 64.9909 looks on a white background.

Color Contrast Check

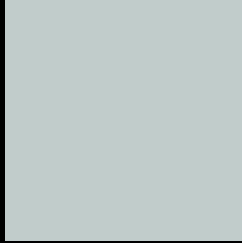
Large Text (above 18pt) WCAG AA × Fail

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 54.3647, 58.8350, 64.9909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

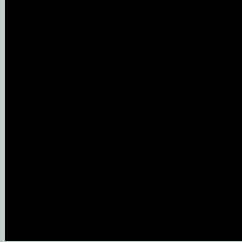
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

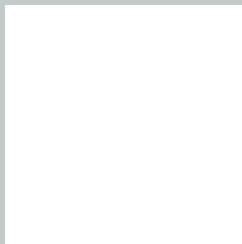
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3647, 58.8350, 64.9909

Background



This preview shows how black text looks on a background with the XYZ color 54.3647, 58.8350, 64.9909.

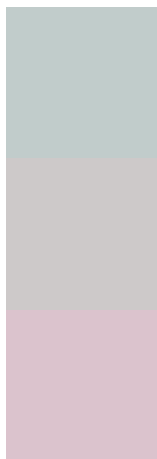


This preview shows how white text looks on a background with the XYZ color 54.3647, 58.8350,

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

54.3647, 58.8350, 64.9909

Protanopia

56.6061, 58.9695, 63.6571

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

56.2811, 58.9051, 74.7332

Trichromacy



Original Color

54.3647, 58.8350, 64.9909

Protanomaly

55.8686, 58.9228, 64.3058

Deuteranomaly

57.6715, 58.4494, 65.3690

Tritanomaly

55.6143, 58.9853, 71.4049

Monochromacy



Original Color

54.3647, 58.8350, 64.9909

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0699, 58.5111, 64.2684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3647, 58.8350, 64.9909 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(193, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 203)  
}
```

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(193, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.3647, 58.8350, 64.9909 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(193, 204, 203) }
```


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

```
.border{ border-color:rgb(193, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3647, 58.8350, 64.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 203) }
```

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

```
.background{ background-color: rgb(193,  
204, 203) }
```

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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