

Converting Colors

XYZ(54.2274, 58.3233, 64.5868)

Have a look what the booklet for
XYZ(54.2274, 58.3233, 64.5868)
contains.

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Color

**XYZ(54.3836, 58.4930,
64.9239)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C2CBCB |
| RGB | 194, 203, 203 |
| RGB Percent | 76%, 80%, 80% |
| CMY | 0.2392, 0.2039, 0.2039 |
| CMYK | 0.04, 0.00, 0.00, 0.20 |
| HSL | 180°, 8%, 78% |
| HSV | 180°, 4%, 80% |
| XYZ | 54.3836, 58.4930, 64.9239 |
| YIQ | 200.3090, -5.3640, -1.9080 |

Conversions

Conversions Part 2

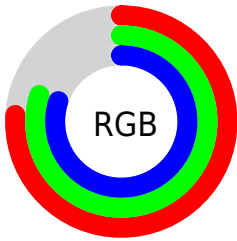
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 194, 199, 203 |
| Decimal | 12766155 |
| CIELab | 81.01, -3.06, -1.07 |
| CIELCh | 81, 3.245, 199.334 |
| Yxy | 58.4930, 0.3059, 0.3290 |
| Android (android.graphics.Color) | 4290956235 (0xFFC2CBCB) |
| YUV | 200.3090, 1.3267, -5.5330 |
| Hunter-Lab | 76.4807, -6.9142, 3.2057 |

Details

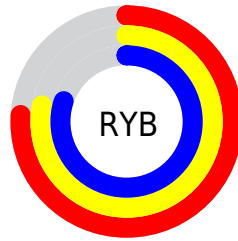
The XYZ color **54.3836, 58.4930, 64.9239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6602, 55.1767, 58.8638**, and the grayscale version is **55.0860, 57.9547, 63.1127**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **26.9875, 29.2403, 32.6553** is the 20% darker color. If you saturate the color by 10%, you get **49.5249, 55.9900, 64.6933**, and if you desaturate by 10%, it is **59.9574, 61.3679, 65.1904**.

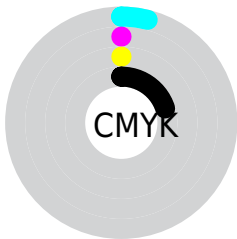
Distribution



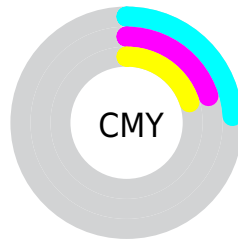
- Red (76%)
- Green (80%)
- Blue (80%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3836, 58.4930, 64.9239 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 54.3836, 58.4930, 64.9239 by changing the saturation by 10% instead.

■ 54.3836, 58.4930,
64.9239

■ 54.3836, 58.4930,
64.9239

393.7456,
419.0205, 460.8172

■ 39.1403, 42.2051,
46.9484

■ 95.7908, 102.6404,
113.5527

■ 27.0501, 29.2619,
32.6408

122.6855,
131.2688, 145.0430

■ 17.7476, 19.2791,
21.5826

154.1947,
164.7794, 181.8755

■ 10.8676, 11.8721,
13.3551

190.6837,
203.5567, 224.4685

■ 6.0445, 6.6566,
7.5400

232.5180,
247.9850, 273.2406

■ 2.9131, 3.2483,
3.7185

280.0628,

■ 1.1080, 1.2627,

298.4489, 328.6104

1.4722

333.6836,
355.3325, 390.9964

■ 0.0318, 0.1120,
0.1971

■ 0.0000, 0.0000,
0.0000

■ 54.3836, 58.4930,
64.9239

■ 54.3836, 58.4930,
64.9239

■ 49.5249, 55.9900,
64.6933

■ 59.9574, 61.3679,
65.1904

■ 45.3476, 53.8366,
64.4934

■ 66.2683, 64.6212,
65.4902

■ 41.8229, 52.0196,
64.3240

■ 73.3436, 68.2686,
65.8257

■ 38.9176, 50.5220,
64.1836

■ 73.3801, 68.2873,
65.8318

■ 36.5961, 49.3253,
64.0705

■ 73.3809, 68.2876,
65.8363

■ 34.8190, 48.4093,
63.9829

■ 73.3818, 68.2880,
65.8408

■ 33.5417, 47.7509,
63.9187

■ 73.3826, 68.2883,
65.8452

■ 32.7132, 47.3239,
63.8755

■ 73.3835, 68.2886,
65.8497

■ 32.2710, 47.0961,
63.8504

■ 73.3843, 68.2890,
65.8542

Harmonies

Analogous

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



54.3337, 58.4930, 63.0054



54.3836, 58.4930, 64.9239



54.7568, 58.4930, 66.5418

Triad

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



54.3836, 58.4930, 64.9239



56.5833, 58.4930, 66.1348



55.8357, 58.4930, 60.1156

Complementary

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



54.3836, 58.4930, 64.9239



53.6602, 55.1767, 58.8638

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.



56.4434, 58.4930, 60.9188



54.3836, 58.4930, 64.9239



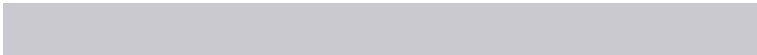
56.8773, 58.4930, 64.3774

Square

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



54.3836, 58.4930, 64.9239



56.0254, 58.4930, 67.2507



56.8260, 58.4930, 62.4697



55.1685, 58.4930, 60.2552

Rectangle

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



54.3836, 58.4930, 64.9239



55.1404, 58.4930, 67.2201



56.8260, 58.4930, 62.4697



56.0538, 58.4930, 60.2837

Sweetspot

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



54.3853, 58.4955, 64.9252



94.1179, 99.5195, 108.8556



53.3819, 58.0986, 59.4406



20.1549, 21.3063, 23.3001



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.



54.3853, 58.4955, 64.9252



90.5131, 97.6612, 108.6839



53.3723, 56.4690, 64.5894



11.9608, 12.9423, 14.4375



20.4455, 29.9235, 40.6266



1.0548, 1.5437, 2.0962

Inverse Universe

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



53.6602, 55.1767, 58.8638



89.1319, 91.3393, 97.1374



54.6426, 57.1421, 59.1895



11.7573, 12.0110, 12.7366



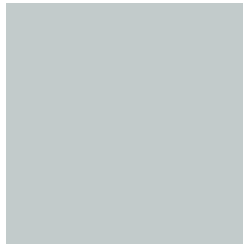
15.6738, 8.0801, 0.7352



0.8087, 0.4169, 0.0382

Previews

White Background



This preview shows how the XYZ color 54.3836, 58.4930, 64.9239 looks on a white background.

Color Contrast Check

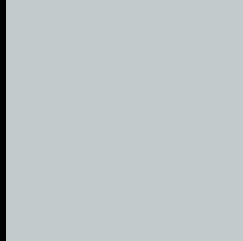
Large Text (above 18pt) WCAG AA × Fail

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 54.3836, 58.4930, 64.9239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

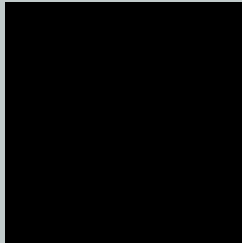
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

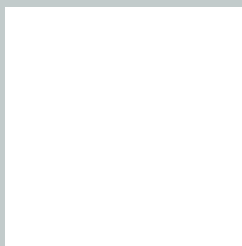
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3836, 58.4930, 64.9239

Background



This preview shows how black text looks on a background with the XYZ color 54.3836, 58.4930, 64.9239.

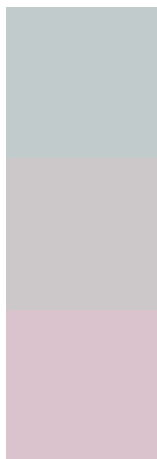


This preview shows how white text looks on a background with the XYZ color 54.3836, 58.4930,

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

54.3836, 58.4930, 64.9239

Protanopia

56.0987, 58.3630, 63.5668

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

56.1760, 58.5188, 73.9801

Trichromacy



Original Color

54.3836, 58.4930, 64.9239

Protanomaly

55.3667, 58.3169, 64.2153

Deuteranomaly

57.6715, 58.4494, 65.3690

Tritanomaly

55.5099, 58.5966, 70.6720

Monochromacy



Original Color

54.3836, 58.4930, 64.9239

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7180, 57.9961, 63.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3836, 58.4930, 64.9239 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(194, 203, 203) looks like.

```
.text, #text, p{  
    color:rgb(194, 203, 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(194, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 203, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.3836, 58.4930, 64.9239 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(194, 203, 203) }
```


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

```
.border{ border-color:rgb(194, 203, 203) }
```

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

Here you see how a box with a 4 pixel rgb(194, 203, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(194, 203,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3836, 58.4930, 64.9239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 203, 203) }
```

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

```
.background{ background-color: rgb(194,  
203, 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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