

Converting Colors

XYZ(53.8552, 58.3040, 59.8501)

Have a look what the booklet for
XYZ(53.8552, 58.3040, 59.8501)
contains.

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Color

**XYZ(53.9712, 58.3878,
60.0551)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C4CBC3 |
| RGB | 196, 203, 195 |
| RGB Percent | 77%, 80%, 76% |
| CMY | 0.2314, 0.2039, 0.2353 |
| CMYK | 0.03, 0.00, 0.04, 0.20 |
| HSL | 113°, 7%, 78% |
| HSV | 113°, 4%, 80% |
| XYZ | 53.9712, 58.3878, 60.0551 |
| YIQ | 199.9950, -1.6040, -3.9720 |

Conversions

Conversions Part 2

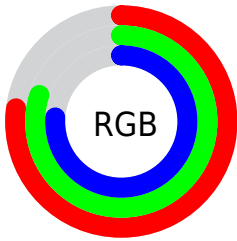
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 195, 203, 202 |
| Decimal | 12897219 |
| CIELab | 80.95, -3.86, 3.14 |
| CIELCh | 81, 4.980, 140.863 |
| Yxy | 58.3878, 0.3130, 0.3386 |
| Android (android.graphics.Color) | 4291087299 (0xFFC4CBC3) |
| YUV | 199.9950, -2.4625, -3.5036 |
| Hunter-Lab | 76.4119, -7.6429, 6.8900 |

Details

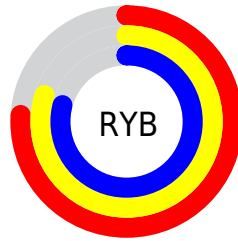
The XYZ color **53.9712, 58.3878, 60.0551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6540, 55.9002, 64.4122**, and the grayscale version is **54.9134, 57.7732, 62.9150**.

A 20% lighter version of the original color is **93.8387, 99.4309, 106.3417**, and **26.7105, 29.1688, 29.4216** is the 20% darker color. If you saturate the color by 10%, you get **47.4800, 55.2906, 48.5733**, and if you desaturate by 10%, it is **61.3249, 61.8970, 73.2087**.

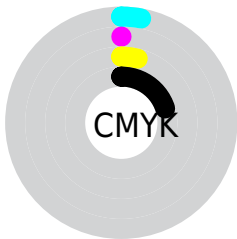
Distribution



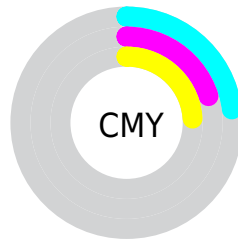
- Red (77%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9712, 58.3878, 60.0551 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 53.9712, 58.3878, 60.0551 by changing the saturation by 10% instead.

■ 53.9712, 58.3878,
60.0551

■ 53.9712, 58.3878,
60.0551

392.2003,
418.6294, 442.6111

■ 38.8092, 42.1205,
43.0375

■ 95.1891, 102.4874,
106.4537

■ 26.7914, 29.1957,
29.5829

121.9757,
131.0884, 136.6718

■ 17.5524, 19.2289,
19.2728

153.3679,
164.5695, 172.1272

■ 10.7268, 11.8358,
11.6888

189.7311,
203.3151, 213.2382

■ 5.9494, 6.6320,
6.4122

231.4306,
247.7094, 260.4236

■ 2.8547, 3.2330,
3.0245

278.8317,

■ 1.0774, 1.2546,

298.1370, 314.1019

1.1071

332.2998,
354.9822, 374.6915

■ 0.0061, 0.1056,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9712, 58.3878,
60.0551

■ 53.9712, 58.3878,
60.0551

■ 47.4800, 55.2906,
48.5733

■ 61.3249, 61.8970,
73.2087

■ 41.8150, 52.5830,
38.6926

■ 69.5662, 65.8246,
88.0932

■ 36.9442, 50.2518,
30.3432

■ 78.5793, 70.1282,
104.0023

■ 32.8320, 48.2802,
23.4484

■ 80.6471, 71.1942,
104.0990

■ 29.4399, 46.6502,
17.9249

■ 26.7259, 45.3422,
13.6812

■ 24.6437, 44.3345,
10.6144

■ 23.1411, 43.6028,
8.6060

■ 22.1570, 43.1187,
7.5124

Harmonies

Analogous

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



54.7923, 58.3878, 58.4114



53.9712, 58.3878, 60.0551



53.5600, 58.3878, 62.6764

Triad

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



53.9712, 58.3878, 60.0551



55.1814, 58.3878, 69.3508



57.3705, 58.3878, 61.5723

Complementary

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



53.9712, 58.3878, 60.0551



54.6540, 55.9002, 64.4122

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.



57.4778, 58.3878, 64.4809



53.9712, 58.3878, 60.0551



56.2054, 58.3878, 69.0329

Square

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



53.9712, 58.3878, 60.0551



54.2530, 58.3878, 68.0841



57.0490, 58.3878, 67.2285



56.7575, 58.3878, 59.2683

Rectangle

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



53.9712, 58.3878, 60.0551



53.5702, 58.3878, 64.6512



57.0490, 58.3878, 67.2285



57.4672, 58.3878, 62.5096

Sweetspot

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



53.9728, 58.3903, 60.0564



93.8259, 99.4161, 106.7139



55.5864, 58.8493, 60.0599



20.0955, 21.2853, 22.8642



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.



53.9728, 58.3903, 60.0564



89.0782, 97.1508, 98.2585



54.0488, 58.3907, 61.8093



11.7491, 12.8670, 12.9017



13.8939, 27.3379, 4.5445



0.7609, 1.4331, 0.2365

Inverse Universe

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



54.6540, 55.9002, 64.4122



90.5331, 91.8324, 107.5616



54.5789, 55.9015, 62.6001



11.9634, 12.0835, 14.2722



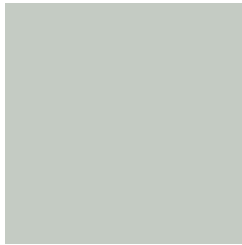
18.5451, 8.7679, 36.6712



0.9963, 0.4727, 1.8937

Previews

White Background



This preview shows how the XYZ color 53.9712, 58.3878, 60.0551 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 53.9712, 58.3878, 60.0551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

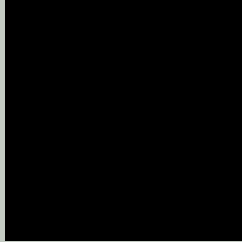
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

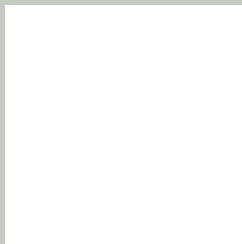
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9712, 58.3878, 60.0551

Background



This preview shows how black text looks on a background with the XYZ color 53.9712, 58.3878, 60.0551.



This preview shows how white text looks on a background with the XYZ color 53.9712, 58.3878,

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

53.9712, 58.3878, 60.0551

Protanopia

55.7335, 58.2806, 58.7639

Deuteranopia

59.4940, 58.1444, 60.9106



Tritanopia

56.6021, 58.4085, 73.2565

Trichromacy



Original Color

53.9712, 58.3878, 60.0551

Protanomaly

54.9814, 58.2249, 59.3796

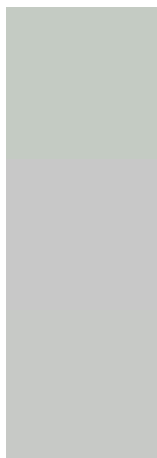
Deuteranomaly

57.3706, 58.0642, 60.4083

Tritanomaly

55.5605, 58.3331, 68.0056

Monochromacy



Original Color

53.9712, 58.3878, 60.0551

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6329, 57.9926, 61.7403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9712, 58.3878, 60.0551 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, 203, 195) looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 195)  
}
```

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, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 195) }
```

Border

The CSS property to change the border of an element to XYZ 53.9712, 58.3878, 60.0551 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, 203, 195) }
```


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

```
.border{ border-color:rgb(196, 203, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9712, 58.3878, 60.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 195) }
```

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

```
.background{ background-color: rgb(196,  
203, 195) }
```

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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