

Converting Colors

XYZ(54.3176, 55.8596, 58.3712)

Have a look what the booklet for
XYZ(54.3176, 55.8596, 58.3712)
contains.

XYZ(54.3176, 55.8596, 58.3712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.3176, 55.8596,
58.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC3C1
RGB	205, 195, 193
RGB Percent	80%, 76%, 76%
CMY	0.1961, 0.2353, 0.2431
CMYK	0.00, 0.05, 0.06, 0.20
HSL	10°, 11%, 78%
HSV	10°, 6%, 80%
XYZ	54.3176, 55.8596, 58.3712
YIQ	197.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

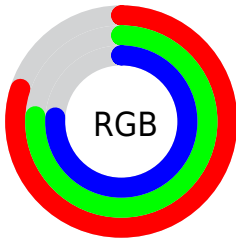
Format	Color
R _Y B	205, 195, 193
Decimal	13484993
CIE Lab	79.53, 3.14, 2.24
CIE LCh	80, 3.860, 35.513
Yxy	55.8596, 0.3223, 0.3314
Android (android.graphics.Color)	4291675073 (0xFFCDC3C1)
YUV	197.7620, -2.3477, 6.3477
Hunter-Lab	74.7393, -1.0669, 6.0121

Details

The XYZ color **54.3176, 55.8596, 58.3712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3676, 58.4562, 66.1761**, and the grayscale version is **53.5443, 56.3328, 61.3464**.

A 20% lighter version of the original color is **93.1493, 97.7204, 103.5750**, and **27.0210, 27.5225, 28.6992** is the 20% darker color. If you saturate the color by 10%, you get **48.5778, 47.7891, 45.9465**, and if you desaturate by 10%, it is **60.8152, 64.9370, 72.6138**.

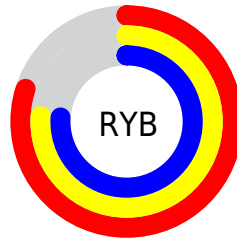
Distribution



Red (80%)

Green (76%)

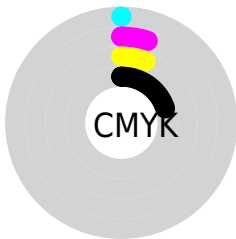
Blue (76%)



Red (80%)

Yellow (76%)

Blue (76%)

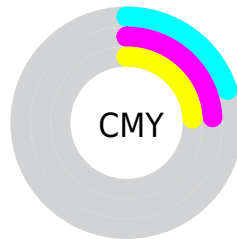


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3176, 55.8596, 58.3712 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 54.3176, 55.8596, 58.3712 by changing the saturation by 10% instead.

■ 54.3176, 55.8596,
58.3712

■ 54.3176, 55.8596,
58.3712

393.4986,
409.1622, 436.2045

■ 39.0873, 40.0904,
41.6905

■ 95.6946, 98.7993,
103.9833

■ 27.0087, 27.6090,
28.5352

122.5720,
126.7385, 133.7518

■ 17.7164, 18.0311,
18.4870

154.0625,
159.5032, 168.7199

■ 10.8450, 10.9723,
11.1271

190.5314,
197.4777, 209.3063

■ 6.0292, 6.0482,
6.0372

232.3441,
241.0465, 255.9294

■ 2.9037, 2.8744,
2.7985

279.8660,

■ 1.1030, 1.0665,

290.5939, 309.0078

0.9927

333.4623,
346.5043, 368.9599

■ 0.0277, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3176, 55.8596,
58.3712

■ 54.3176, 55.8596,
58.3712

■ 48.5778, 47.7891,
45.9465

■ 60.8152, 64.9370,
72.6138

■ 43.5635, 40.6838,
35.2630

■ 68.0922, 75.0469,
88.7398

■ 39.2468, 34.5094,
26.2436

■ 76.1749, 86.2230,
106.8156

■ 35.5966, 29.2272,
18.8045

■ 78.9872, 91.7193,
108.1483

■ 32.5788, 24.7957,
12.8539

■ 30.1568, 21.1698,
8.2912

■ 28.2898, 18.3006,
5.0027

■ 26.9315, 16.1332,
2.8570

■ 26.0274, 14.6053,
1.6914

Harmonies

Analogous

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



54.5931, 55.8596, 60.4117



54.3176, 55.8596, 58.3712



53.7142, 55.8596, 57.0123

Triad

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



54.3176, 55.8596, 58.3712



51.7456, 55.8596, 59.0663



53.2365, 55.8596, 65.1783

Complementary

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



54.3176, 55.8596, 58.3712



54.3676, 58.4562, 66.1761

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.



52.4764, 55.8596, 64.7969



54.3176, 55.8596, 58.3712



51.6204, 55.8596, 61.2334

Square

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



54.3176, 55.8596, 58.3712



52.2302, 55.8596, 57.4067



51.8867, 55.8596, 63.3397



53.9650, 55.8596, 64.3693

Rectangle

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



54.3176, 55.8596, 58.3712



53.2098, 55.8596, 56.6572



51.8867, 55.8596, 63.3397



52.9761, 55.8596, 65.1852

Sweetspot

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



54.3192, 55.8620, 58.3724



92.8992, 96.9951, 104.1859



55.0271, 55.4317, 64.2998



19.9068, 20.7925, 22.3494



0.0000, 0.0000, 0.0000



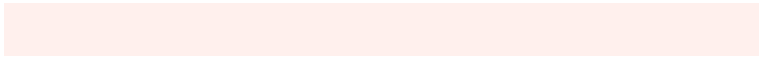
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3192, 55.8620, 58.3724



87.7465, 89.7801, 92.9403



55.6899, 58.6035, 58.8293



11.6032, 11.8510, 12.2280



16.0811, 8.8951, 0.8694



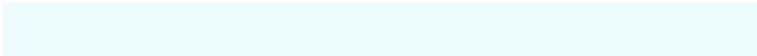
0.8779, 0.5555, 0.0609

Inverse Universe

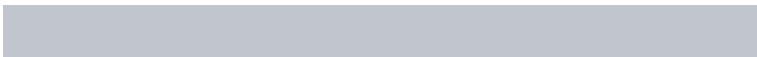
The Inverse Universe completely reimagines the original color for something new.



54.3676, 58.4562, 66.1761



87.8418, 94.8835, 108.2923



52.9788, 55.6786, 65.7131



11.6165, 12.5677, 14.3839



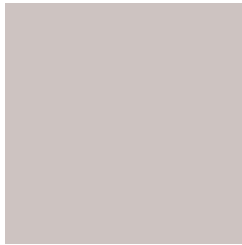
15.9594, 20.9427, 39.1575



0.8667, 1.1673, 2.0346

Previews

White Background



This preview shows how the XYZ color 54.3176, 55.8596, 58.3712 looks on a white background.

Color Contrast Check

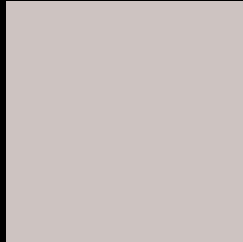
Large Text (above 18pt) WCAG AA × Fail

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 54.3176, 55.8596, 58.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

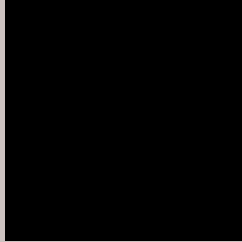
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

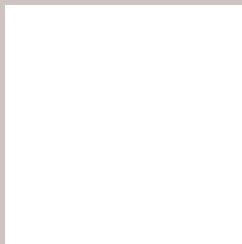
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3176, 55.8596, 58.3712

Background



This preview shows how black text looks on a background with the XYZ color 54.3176, 55.8596, 58.3712.



This preview shows how white text looks on a background with the XYZ color 54.3176, 55.8596,

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

54.3176, 55.8596, 58.3712

Protanopia

53.5649, 55.7924, 58.9848

Deuteranopia

56.9837, 55.9084, 58.8270



Tritanopia

56.1873, 55.9594, 67.5144

Trichromacy



Original Color

54.3176, 55.8596, 58.3712

Protanomaly

53.8347, 55.9315, 58.9974

Deuteranomaly

56.0278, 55.7404, 58.8449

Tritanomaly

55.5249, 56.0172, 64.3858

Monochromacy



Original Color

54.3176, 55.8596, 58.3712

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0175, 56.3355, 60.2514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3176, 55.8596, 58.3712 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(205, 195, 193) looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 193)  
}
```

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(205, 195, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 54.3176, 55.8596, 58.3712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

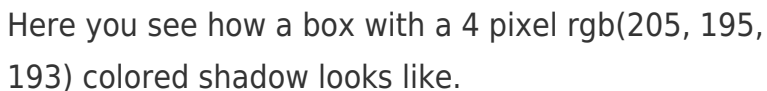
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 195, 193) }
```


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

```
.border{ border-color:rgb(205, 195, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 195, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 195, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 195, 193); box-shadow:4px 4px 4px 4px rgb(205, 195, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3176, 55.8596, 58.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 193) }
```

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

```
.background{ background-color: rgb(205,  
195, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor