

Converting Colors

XYZ(54.2098, 55.0707, 60.8953)

Have a look what the booklet for
XYZ(54.2098, 55.0707, 60.8953)
contains.

XYZ(54.0498, 55.0085, 60.5923)	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(54.0498, 55.0085,
60.5923)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC1C5
RGB	204, 193, 197
RGB Percent	80%, 76%, 77%
CMY	0.2000, 0.2431, 0.2274
CMYK	0.00, 0.05, 0.03, 0.20
HSL	338°, 10%, 78%
HSV	338°, 5%, 80%
XYZ	54.0498, 55.0085, 60.5923
YIQ	196.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

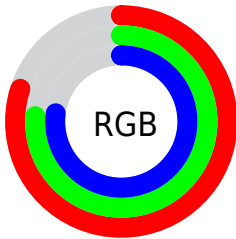
Format	Color
R_{YB}	204, 193, 197
Decimal	13418949
CIE _{Lab}	79.05, 4.56, -0.63
CIE _{LCh}	79, 4.605, 352.092
Yxy	55.0085, 0.3186, 0.3242
Android (android.graphics.Color)	4291609029 (0xFFCCC1C5)
YUV	196.7450, 0.1257, 6.3626
Hunter-Lab	74.1677, 0.2886, 3.4796

Details

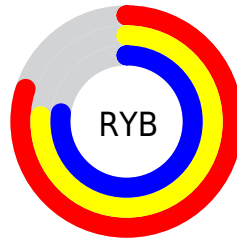
The XYZ color **54.0498, 55.0085, 60.5923** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0125, 58.6946, 63.1288**, and the grayscale version is **52.9155, 55.6712, 60.6259**.

A 20% lighter version of the original color is **93.0051, 96.1671, 107.4261**, and **26.9137, 27.2234, 29.8227** is the 20% darker color. If you saturate the color by 10%, you get **48.4234, 46.0347, 51.6893**, and if you desaturate by 10%, it is **60.4296, 65.2825, 70.3802**.

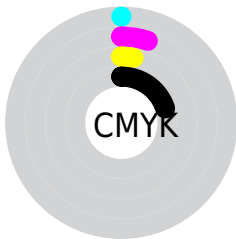
Distribution



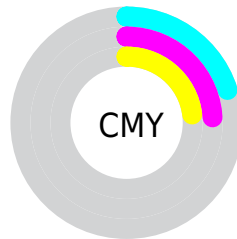
- Red (80%)
- Green (76%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0498, 55.0085, 60.5923 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 54.0498, 55.0085, 60.5923 by changing the saturation by 10% instead.

■ 54.0498, 55.0085,
60.5923

■ 54.0498, 55.0085,
60.5923

392.4951,
405.9441, 444.6426

■ 38.8723, 39.4085,
43.4678

■ 95.3038, 97.5534,
107.2402

■ 26.8407, 27.0777,
29.9182

122.1111,
125.2671, 137.6006

■ 17.5896, 17.6316,
19.5250

153.5256,
157.7876, 173.2101

■ 10.7536, 10.6858,
11.8696

189.9128,
195.4991, 214.4873

■ 5.9675, 5.8560,
6.5335

231.6380,
238.7861, 261.8505

■ 2.8658, 2.7577,
3.0981

279.0665,

■ 1.0832, 1.0066,

288.0331, 315.7185

1.1449

332.5638,
343.6243, 376.5097

■ 0.0110, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0498, 55.0085,
60.5923

■ 54.0498, 55.0085,
60.5923

■ 48.4234, 46.0347,
51.6893

■ 60.4296, 65.2825,
70.3802

■ 43.5171, 38.3019,
43.6423

■ 67.5851, 76.8985,
81.0737

■ 39.3022, 31.7572,
36.4259

■ 75.5434, 89.9052,
92.6974

■ 35.7461, 26.3410,
30.0118

■ 77.7524, 91.1936,
103.0814

■ 32.8134, 21.9884,
24.3704

■ 78.7121, 91.5775,
108.1354

■ 30.4652, 18.6278,
19.4698

■ 28.6582, 16.1789,
15.2755

■ 27.3423, 14.5485,
11.7496

■ 26.4569, 13.6227,
8.8494

Harmonies

Analogous

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



53.6874, 55.0085, 63.0511



54.0498, 55.0085, 60.5923



53.9347, 55.0085, 58.0158

Triad

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



54.0498, 55.0085, 60.5923



51.6236, 55.0085, 55.3370



51.2081, 55.0085, 63.9679

Complementary

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



54.0498, 55.0085, 60.5923



54.0125, 58.6946, 63.1288

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.



50.6672, 55.0085, 61.8141



54.0498, 55.0085, 60.5923



50.9051, 55.0085, 56.8458

Square

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



54.0498, 55.0085, 60.5923



52.5269, 55.0085, 55.0314



50.5569, 55.0085, 59.2029



52.0417, 55.0085, 65.0368

Rectangle

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



54.0498, 55.0085, 60.5923



53.6032, 55.0085, 56.5735



50.5569, 55.0085, 59.2029



50.9865, 55.0085, 63.3438

Sweetspot

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



54.0514, 55.0109, 60.5935



92.9262, 96.5817, 105.6352



53.7814, 54.7769, 64.8658



19.9123, 20.7083, 22.6446



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.



54.0514, 55.0109, 60.5935



88.8331, 90.0122, 99.2871



53.9251, 55.4816, 58.3218



11.7380, 11.8556, 13.0905



16.4955, 8.4088, 5.0620



0.8872, 0.4483, 0.4517

Inverse Universe

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



54.0514, 55.0109, 60.5935



88.8331, 90.0122, 99.2871



54.1390, 58.1903, 65.5058



11.7380, 11.8556, 13.0905



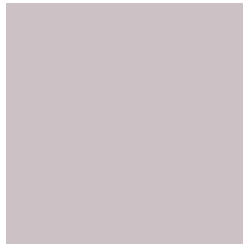
16.4955, 8.4088, 5.0620



0.8872, 0.4483, 0.4517

Previews

White Background



This preview shows how the XYZ color 54.0498, 55.0085, 60.5923 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 54.0498, 55.0085, 60.5923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

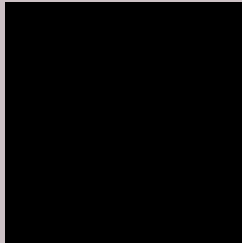
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

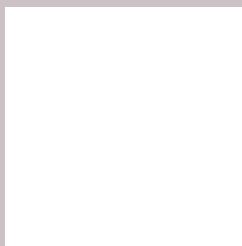
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0498, 55.0085, 60.5923

Background



This preview shows how black text looks on a background with the XYZ color 54.0498, 55.0085, 60.5923.



This preview shows how white text looks on a background with the XYZ color 54.0498, 55.0085,

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

54.0498, 55.0085, 60.5923

Protanopia

52.9969, 55.1132, 61.2708

Deuteranopia

56.3381, 55.2003, 61.1115



Tritanopia

55.2890, 55.1834, 66.7689

Trichromacy



Original Color

54.0498, 55.0085, 60.5923

Protanomaly

53.3042, 54.9402, 61.2212

Deuteranomaly

55.4022, 55.0405, 61.1299

Tritanomaly

54.8060, 54.9902, 64.2255

Monochromacy



Original Color

54.0498, 55.0085, 60.5923

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6374, 55.7904, 60.7650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0498, 55.0085, 60.5923 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(204, 193, 197) looks like.

```
.text, #text, p{  
    color:rgb(204, 193, 197)  
}
```

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(204, 193, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.0498, 55.0085, 60.5923 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(204, 193, 197) }
```


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

```
.border{ border-color:rgb(204, 193, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 193, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0498, 55.0085, 60.5923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 197) }
```

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

```
.background{ background-color: rgb(204,  
193, 197) }
```

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