

Converting Colors

XYZ(54.6291, 55.3083, 61.4328)

Have a look what the booklet for
XYZ(54.6291, 55.3083, 61.4328)
contains.

XYZ(54.4398, 55.1963, 61.2107)	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(54.4398, 55.1963,
61.2107)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC1C6
RGB	205, 193, 198
RGB Percent	80%, 76%, 78%
CMY	0.1961, 0.2431, 0.2235
CMYK	0.00, 0.06, 0.03, 0.20
HSL	335°, 11%, 78%
HSV	335°, 6%, 80%
XYZ	54.4398, 55.1963, 61.2107
YIQ	197.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

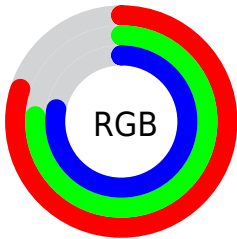
Format	Color
R_{YB}	205, 193, 198
Decimal	13484486
CIE _{Lab}	79.15, 5.09, -1.01
CIE _{LCh}	79, 5.188, 348.829
Yxy	55.1963, 0.3186, 0.3231
Android (android.graphics.Color)	4291674566 (0xFFCDC1C6)
YUV	197.1580, 0.4151, 6.8774
Hunter-Lab	74.2942, 0.7827, 3.1572

Details

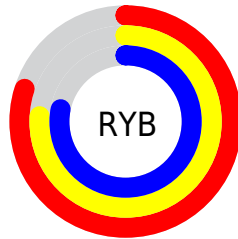
The XYZ color **54.4398, 55.1963, 61.2107** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2510, 59.1716, 63.2084**, and the grayscale version is **53.1629, 55.9315, 60.9094**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.1746, 27.3491, 30.2322** is the 20% darker color. If you saturate the color by 10%, you get **48.8930, 46.2237, 52.8214**, and if you desaturate by 10%, it is **60.7269, 65.4736, 70.3857**.

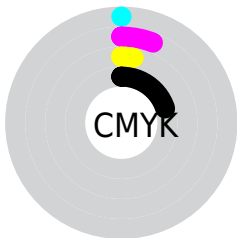
Distribution



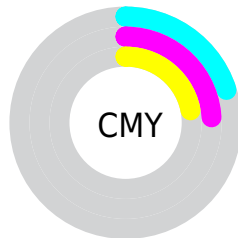
- Red (80%)
- Green (76%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4398, 55.1963, 61.2107 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 54.4398, 55.1963, 61.2107 by changing the saturation by 10% instead.

■ 54.4398, 55.1963,
61.2107

■ 54.4398, 55.1963,
61.2107

393.9559,
406.6556, 446.9741

■ 39.1855, 39.5589,
43.9636

■ 95.8728, 97.8285,
108.1445

■ 27.0854, 27.1948,
30.3049

122.7822,
125.5921, 138.6682

■ 17.7743, 17.7196,
19.8161

154.3073,
158.1666, 174.4545

■ 10.8868, 10.7488,
12.0787

190.8134,
195.9363, 215.9219

■ 6.0575, 5.8982,
6.6741

232.6660,
239.2857, 263.4891

■ 2.9211, 2.7833,
3.1838

280.2304,

■ 1.1122, 1.0197,

288.5991, 317.5745

1.1892

333.8719,
344.2609, 378.5966

■ 0.0352, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4398, 55.1963,
61.2107

■ 54.4398, 55.1963,
61.2107

■ 48.8930, 46.2237,
52.8214

■ 60.7269, 65.4736,
70.3857

■ 44.0537, 38.4963,
45.1926

■ 67.7762, 77.0978,
80.3638

■ 39.8932, 31.9605,
38.3027

■ 75.6145, 90.1181,
91.1660

■ 36.3795, 26.5561,
32.1275

■ 77.5485, 91.1438,
100.5725

■ 33.4773, 22.2175,
26.6416

■ 78.9871, 91.7193,
108.1483

■ 31.1483, 18.8724,
21.8175

■ 29.3492, 16.4393,
17.6259

■ 28.0301, 14.8236,
14.0340

■ 27.1296, 13.9079,
11.0044

Harmonies

Analogous

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



53.9753, 55.1963, 63.9313



54.4398, 55.1963, 61.2107



54.3693, 55.1963, 58.2780

Triad

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



54.4398, 55.1963, 61.2107



51.8225, 55.1963, 54.8630



51.1628, 55.1963, 64.4941

Complementary

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



54.4398, 55.1963, 61.2107



54.2510, 59.1716, 63.2084

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.



50.6007, 55.1963, 61.9584



54.4398, 55.1963, 61.2107



50.9781, 55.1963, 56.4237

Square

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



54.4398, 55.1963, 61.2107



52.8490, 55.1963, 54.6778



50.5335, 55.1963, 59.0016



52.0777, 55.1963, 65.8681

Rectangle

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



54.4398, 55.1963, 61.2107



54.0286, 55.1963, 56.5950



50.5335, 55.1963, 59.0016



50.9268, 55.1963, 63.7455

Sweetspot

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



54.4414, 55.1987, 61.2119



92.9691, 96.5989, 105.8610



53.9108, 54.8297, 65.5000



19.9210, 20.7118, 22.6906



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.



54.4414, 55.1987, 61.2119



87.9857, 88.4825, 98.4954



54.0961, 55.4154, 58.3001



11.6368, 11.6693, 13.0068



16.7488, 8.5101, 6.3956



0.9016, 0.4540, 0.5276

Inverse Universe

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



54.4414, 55.1987, 61.2119



87.9857, 88.4825, 98.4954



54.6063, 58.9323, 66.2552



11.6368, 11.6693, 13.0068



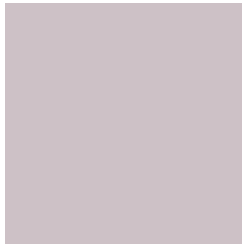
16.7488, 8.5101, 6.3956



0.9016, 0.4540, 0.5276

Previews

White Background



This preview shows how the XYZ color 54.4398, 55.1963, 61.2107 looks on a white background.

Color Contrast Check

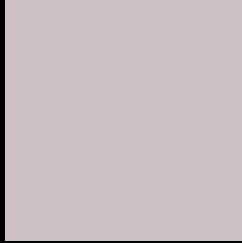
Large Text (above 18pt) WCAG AA × Fail

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 54.4398, 55.1963, 61.2107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

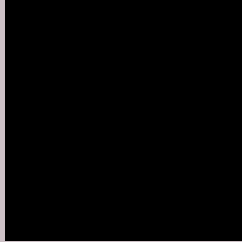
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4398, 55.1963, 61.2107

Background



This preview shows how black text looks on a background with the XYZ color 54.4398, 55.1963, 61.2107.



This preview shows how white text looks on a background with the XYZ color 54.4398, 55.1963,

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

54.4398, 55.1963, 61.2107

Protanopia

53.3771, 55.2958, 61.8927

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

55.5657, 55.3261, 66.7819

Trichromacy



Original Color

54.4398, 55.1963, 61.2107

Protanomaly

53.6880, 55.1246, 61.8433

Deuteranomaly

55.8036, 55.2340, 61.7529

Tritanomaly

55.2023, 55.1807, 64.8682

Monochromacy



Original Color

54.4398, 55.1963, 61.2107

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 54.4398, 55.1963, 61.2107 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, 193, 198) looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 198)  
}
```

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, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 54.4398, 55.1963, 61.2107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

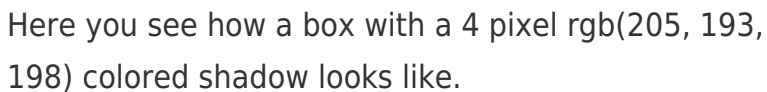
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 193, 198) }
```


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

```
.border{ border-color:rgb(205, 193, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4398, 55.1963, 61.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 198) }
```

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

```
.background{ background-color: rgb(205,  
193, 198) }
```

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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