

Converting Colors

XYZ(55.0066, 59.4576, 59.3913)

Have a look what the booklet for
XYZ(55.0066, 59.4576, 59.3913)
contains.

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Color

**XYZ(54.8837, 59.2229,
59.5774)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CCC2
RGB	199, 204, 194
RGB Percent	78%, 80%, 76%
CMY	0.2196, 0.2000, 0.2392
CMYK	0.02, 0.00, 0.05, 0.20
HSL	90°, 9%, 78%
HSV	90°, 5%, 80%
XYZ	54.8837, 59.2229, 59.5774
YIQ	201.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

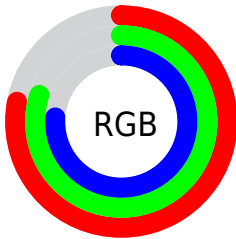
Format	Color
RYB	194, 204, 199
Decimal	13094082
CIELab	81.41, -3.53, 4.37
CIELCh	81, 5.617, 128.877
Yxy	59.2229, 0.3160, 0.3410
Android (android.graphics.Color)	4291284162 (0xFFC7CCC2)
YUV	201.3650, -3.6309, -2.0741
Hunter-Lab	76.9564, -7.3713, 7.9689

Details

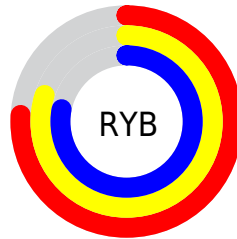
The XYZ color **54.8837, 59.2229, 59.5774** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7463, 55.0869, 64.9299**, and the grayscale version is **55.7670, 58.6712, 63.8929**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **27.3170, 29.7259, 29.1089** is the 20% darker color. If you saturate the color by 10%, you get **50.1312, 57.0214, 48.2048**, and if you desaturate by 10%, it is **60.1356, 61.6489, 72.6177**.

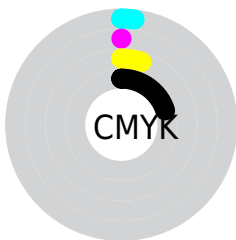
Distribution



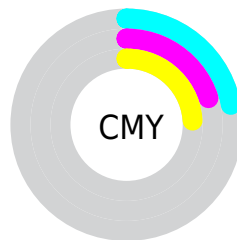
- Red (78%)
- Green (80%)
- Blue (76%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8837, 59.2229, 59.5774 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 54.8837, 59.2229, 59.5774 by changing the saturation by 10% instead.

■ 54.8837, 59.2229,
59.5774

■ 54.8837, 59.2229,
59.5774

395.6145,
421.7274, 440.7996

■ 39.5421, 42.7926,
42.6550

■ 96.5199, 103.7016,
105.7538

■ 27.3643, 29.7224,
29.2851

123.5451,
132.5187, 135.8448

■ 17.9850, 19.6280,
19.0492

155.1956,
166.2335, 171.1625

■ 11.0389, 12.1249,
11.5287

191.8367,
205.2305, 212.1254

■ 6.1605, 6.8288,
6.3050

233.8338,
249.8940, 259.1520

■ 2.9845, 3.3553,
2.9596

281.5523,

■ 1.1456, 1.3199,

300.6084, 312.6609

1.0741

335.3574,
357.7581, 373.0706

■ 0.0627, 0.1565,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8837, 59.2229,
59.5774

■ 54.8837, 59.2229,
59.5774

■ 50.1312, 57.0214,
48.2048

■ 60.1356, 61.6489,
72.6177

■ 45.8570, 55.0299,
38.4288

■ 65.8975, 64.2984,
87.3853

■ 42.0454, 53.2437,
30.1790

■ 72.1530, 67.1671,
103.7694

■ 38.6781, 51.6548,
23.3779

■ 75.5170, 68.9012,
103.9268

■ 35.7353, 50.2550,
17.9417

■ 79.0757, 70.7358,
104.0934

■ 33.1953, 49.0351,
13.7776

■ 80.8840, 71.6680,
104.1780

■ 31.0342, 47.9851,
10.7813

■ 29.2247, 47.0935,
8.8320

■ 27.7345, 46.3470,
7.7827

Harmonies

Analogous

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



55.9417, 59.2229, 58.3008



54.8837, 59.2229, 59.5774



54.2087, 59.2229, 62.1803

Triad

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



54.8837, 59.2229, 59.5774



55.4795, 59.2229, 70.7084



58.5510, 59.2229, 63.4906

Complementary

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



54.8837, 59.2229, 59.5774



53.7463, 55.0869, 64.9299

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.



58.4231, 59.2229, 66.8432



54.8837, 59.2229, 59.5774



56.6389, 59.2229, 71.0889

Square

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



54.8837, 59.2229, 59.5774



54.5493, 59.2229, 68.6298



57.7193, 59.2229, 69.6522



58.0665, 59.2229, 60.5079

Rectangle

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



54.8837, 59.2229, 59.5774



54.0612, 59.2229, 64.3569



57.7193, 59.2229, 69.6522



58.5783, 59.2229, 64.6106

Sweetspot

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



54.8853, 59.2255, 59.5787



94.1744, 99.5957, 106.7302



55.0651, 57.5815, 59.2519



20.1664, 21.3219, 22.8675



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.



54.8853, 59.2255, 59.5787



89.9240, 97.6308, 96.3097



53.5803, 58.5527, 59.5176



11.8940, 12.9470, 12.6653



17.1445, 29.0136, 4.6966



0.9720, 1.5419, 0.2464

Inverse Universe

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



53.7463, 55.0869, 64.9299



87.6041, 89.2020, 107.2082



55.0949, 55.7821, 64.9930



11.5615, 11.7393, 14.2269



10.4188, 4.5786, 36.2909



0.6250, 0.2813, 1.8763

Previews

White Background



This preview shows how the XYZ color 54.8837, 59.2229, 59.5774 looks on a white background.

Color Contrast Check

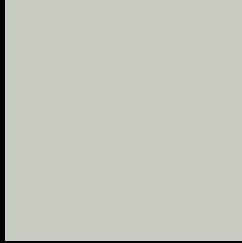
Large Text (above 18pt) WCAG AA × Fail

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 54.8837, 59.2229, 59.5774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

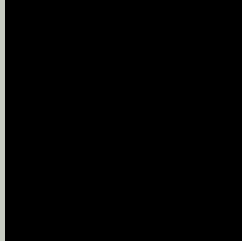
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

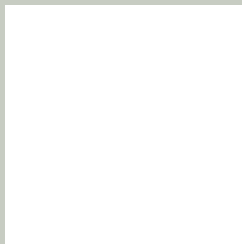
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8837, 59.2229, 59.5774

Background



This preview shows how black text looks on a background with the XYZ color 54.8837, 59.2229, 59.5774.



This preview shows how white text looks on a background with the XYZ color 54.8837, 59.2229,

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

54.8837, 59.2229, 59.5774

Protanopia

56.5247, 59.0334, 58.8675

Deuteranopia

60.2194, 58.8630, 60.4123



Tritanopia

57.6384, 59.2877, 73.3715

Trichromacy



Original Color

54.8837, 59.2229, 59.5774

Protanomaly

55.9230, 59.0705, 58.9064

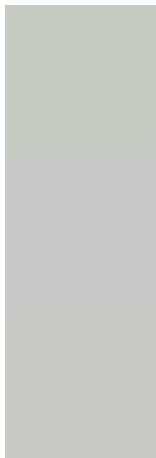
Deuteranomaly

58.0687, 58.7754, 59.9140

Tritanomaly

56.5931, 59.2126, 68.1209

Monochromacy



Original Color

54.8837, 59.2229, 59.5774

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1330, 58.5976, 61.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8837, 59.2229, 59.5774 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(199, 204, 194) looks like.

```
.text, #text, p{  
    color:rgb(199, 204, 194)  
}
```

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(199, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 204, 194) }
```

Border

The CSS property to change the border of an element to XYZ 54.8837, 59.2229, 59.5774 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(199, 204, 194) }
```


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

```
.border{ border-color:rgb(199, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(199, 204,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8837, 59.2229, 59.5774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 204, 194) }
```

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

```
.background{ background-color: rgb(199,  
204, 194) }
```

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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