

Converting Colors

XYZ(54.4210, 57.0698, 60.0191)

Have a look what the booklet for
XYZ(54.4210, 57.0698, 60.0191)
contains.

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Color

**XYZ(54.3611, 57.2045,
59.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C7C3
RGB	201, 199, 195
RGB Percent	79%, 78%, 76%
CMY	0.2118, 0.2196, 0.2353
CMYK	0.00, 0.01, 0.03, 0.21
HSL	40°, 5%, 78%
HSV	40°, 3%, 79%
XYZ	54.3611, 57.2045, 59.8062
YIQ	199.1420, 2.4760, -0.8200

Conversions

Conversions Part 2

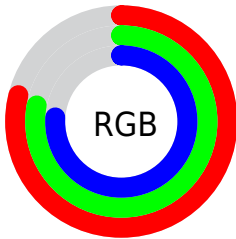
Format	Color
R_{YB}	198, 201, 195
Decimal	13223875
CIE _{Lab}	80.29, -0.03, 2.23
CIE _{LCh}	80, 2.233, 90.657
Yxy	57.2045, 0.3172, 0.3338
Android (android.graphics.Color)	4291413955 (0xFFC9C7C3)
YUV	199.1420, -2.0420, 1.6295
Hunter-Lab	75.6337, -4.0634, 6.0609

Details

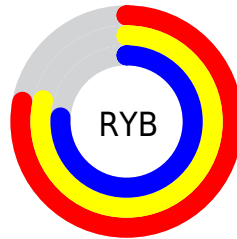
The XYZ color **54.3611, 57.2045, 59.8062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0144, 55.7507, 63.2257**, and the grayscale version is **54.3854, 57.2177, 62.3100**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **26.9657, 28.3769, 29.2554** is the 20% darker color. If you saturate the color by 10%, you get **50.7353, 53.3480, 48.1298**, and if you desaturate by 10%, it is **58.3637, 61.3236, 73.1190**.

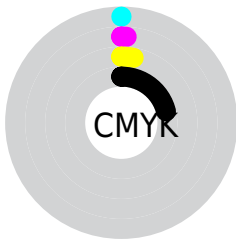
Distribution



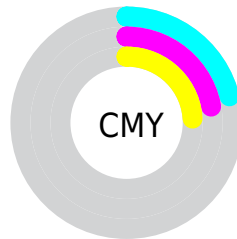
- Red (79%)
- Green (78%)
- Blue (76%)



- Red (78%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3611, 57.2045, 59.8062 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 54.3611, 57.2045, 59.8062 by changing the saturation by 10% instead.

■ 54.3611, 57.2045,
59.8062

■ 54.3611, 57.2045,
59.8062

393.6614,
414.2152, 441.6679

■ 39.1222, 41.1694,
42.8382

95.7580, 100.7635,
106.0891

■ 27.0360, 28.4515,
29.4277

122.6468,
129.0563, 136.2411

■ 17.7370, 18.6663,
19.1563

154.1496,
162.2037, 171.6247

■ 10.8599, 11.4294,
11.6053

190.6318,
200.5903, 212.6587

■ 6.0393, 6.3564,
6.3563

232.4587,
244.6003, 259.7614

■ 2.9099, 3.0630,
2.9906

279.9957,

■ 1.1063, 1.1647,

294.6182, 313.3515

1.0898

333.6082,
351.0283, 373.8475

■ 0.0304, 0.0326,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3611, 57.2045,
59.8062

■ 54.3611, 57.2045,
59.8062

■ 50.7353, 53.3480,
48.1298

■ 58.3637, 61.3236,
73.1190

■ 47.4686, 49.7400,
38.0218

■ 62.7506, 65.7042,
88.1249

■ 44.5487, 46.3762,
29.4150

■ 67.4864, 70.3352,
104.6269

■ 41.9607, 43.2492,
22.2359

■ 69.2669, 73.8962,
105.2204

■ 39.6887, 40.3511,
16.4046

■ 71.1183, 77.5990,
105.8375

■ 37.7152, 37.6734,
11.8335

■ 73.0414, 81.4452,
106.4785

■ 36.0206, 35.2069,
8.4243

■ 75.0369, 85.4362,
107.1437

■ 34.5826, 32.9409,
6.0641

■ 77.1057, 89.5737,
107.8333

■ 33.3744, 30.8632,
4.6172

■ 77.8976, 91.1576,
108.0973

Harmonies

Analogous

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



54.8024, 57.2045, 60.1205



54.3611, 57.2045, 59.8062



53.9249, 57.2045, 60.1486

Triad

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



54.3611, 57.2045, 59.8062



53.6196, 57.2045, 63.5765



55.1398, 57.2045, 63.5259

Complementary

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



54.3611, 57.2045, 59.8062



53.0144, 55.7507, 63.2257

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.



54.8199, 57.2045, 64.4734



54.3611, 57.2045, 59.8062



53.9422, 57.2045, 64.5029

Square

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



54.3611, 57.2045, 59.8062



53.4983, 57.2045, 62.3148



54.3812, 57.2045, 64.8334



55.2535, 57.2045, 62.2572

Rectangle

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



54.3611, 57.2045, 59.8062



53.6952, 57.2045, 60.7060



54.3812, 57.2045, 64.8334



55.0528, 57.2045, 63.8931

Sweetspot

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



54.3627, 57.2070, 59.8074



94.3721, 99.2968, 106.6620



53.6813, 55.4798, 60.7034



20.2067, 21.2610, 22.8537



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.



54.3627, 57.2070, 59.8074



92.3779, 97.2143, 100.1216



54.5570, 57.9934, 59.9490



11.5854, 12.1920, 12.4450



20.6038, 18.7248, 2.5283



1.0401, 1.0157, 0.1412

Inverse Universe

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



53.0144, 55.7507, 63.2257



89.2633, 93.8503, 108.0180



52.8235, 54.9839, 63.0878



11.1338, 11.7043, 13.5898



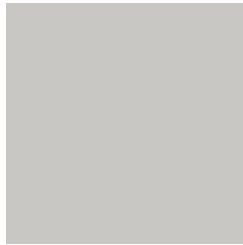
7.9617, 5.3174, 35.3511



0.4439, 0.3855, 1.6962

Previews

White Background



This preview shows how the XYZ color 54.3611, 57.2045, 59.8062 looks on a white background.

Color Contrast Check

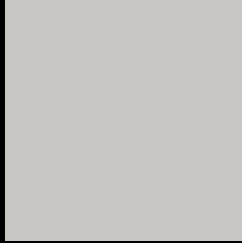
Large Text (above 18pt) WCAG AA × Fail

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 54.3611, 57.2045, 59.8062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

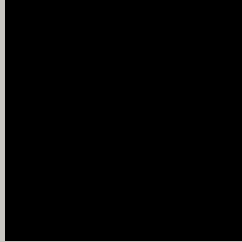
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

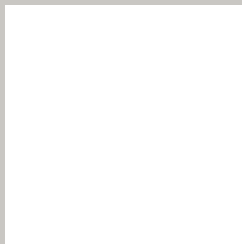
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3611, 57.2045, 59.8062

Background



This preview shows how black text looks on a background with the XYZ color 54.3611, 57.2045, 59.8062.

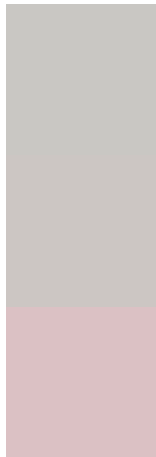


This preview shows how white text looks on a background with the XYZ color 54.3611, 57.2045,

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

54.3611, 57.2045, 59.8062

Protanopia

54.9462, 57.1657, 59.7679

Deuteranopia

58.2472, 57.1855, 60.1925



Tritanopia

56.5254, 57.0707, 70.3239

Trichromacy



Original Color

54.3611, 57.2045, 59.8062

Protanomaly

54.6730, 57.0248, 59.7551

Deuteranomaly

56.6303, 57.0128, 60.2444

Tritanomaly

55.7354, 57.0852, 66.4735

Monochromacy



Original Color

54.3611, 57.2045, 59.8062

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4359, 57.2034, 61.5984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3611, 57.2045, 59.8062 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(201, 199, 195) looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 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(201, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.3611, 57.2045, 59.8062 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(201, 199, 195) }
```


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

```
.border{ border-color:rgb(201, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3611, 57.2045, 59.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 195) }
```

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

```
.background{ background-color: rgb(201,  
199, 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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