

Converting Colors

XYZ(54.8660, 59.5195, 57.3662)

Have a look what the booklet for
XYZ(54.8660, 59.5195, 57.3662)
contains.

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Color

**XYZ(54.9450, 59.6597,
57.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CDBE
RGB	200, 205, 190
RGB Percent	78%, 80%, 75%
CMY	0.2157, 0.1961, 0.2549
CMYK	0.02, 0.00, 0.07, 0.20
HSL	80°, 13%, 77%
HSV	80°, 7%, 80%
XYZ	54.9450, 59.6597, 57.3348
YIQ	201.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

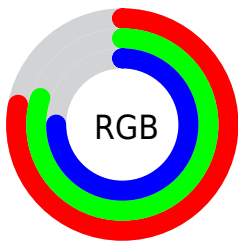
Format	Color
RYB	190, 205, 195
Decimal	13159870
CIELab	81.65, -4.40, 6.86
CIELCh	82, 8.153, 122.664
Yxy	59.6597, 0.3196, 0.3470
Android (android.graphics.Color)	4291349950 (0xFFC8CDBE)
YUV	201.7950, -5.8149, -1.5742
Hunter-Lab	77.2397, -8.1922, 10.0570

Details

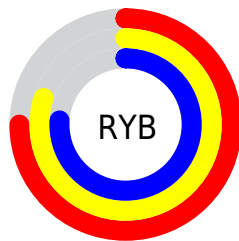
The XYZ color **54.9450, 59.6597, 57.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9409, 52.8385, 65.2220**, and the grayscale version is **56.0469, 58.9657, 64.2137**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **27.4360, 30.0504, 28.0212** is the 20% darker color. If you saturate the color by 10%, you get **51.0752, 57.9074, 46.2685**, and if you desaturate by 10%, it is **59.2150, 61.5853, 70.0675**.

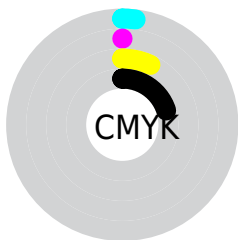
Distribution



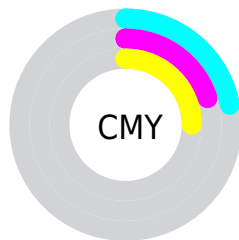
- Red (78%)
- Green (80%)
- Blue (75%)



- Red (75%)
- Yellow (80%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9450, 59.6597, 57.3348 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 54.9450, 59.6597, 57.3348 by changing the saturation by 10% instead.

■ 54.9450, 59.6597,
57.3348

■ 54.9450, 59.6597,
57.3348

395.8432,
423.3423, 432.2315

■ 39.5914, 43.1444,
40.8629

■ 96.6092, 104.3359,
102.4587

■ 27.4029, 29.9984,
27.8931

123.6504,
133.2655, 131.9479

■ 18.0142, 19.8374,
18.0068

155.3182,
167.1021, 166.6132

■ 11.0599, 12.2769,
10.7854

191.9779,
206.2299, 206.8733

■ 6.1747, 6.9326,
5.8103

233.9949,
251.0335, 253.1466

■ 2.9933, 3.4200,
2.6632

281.7346,

■ 1.1502, 1.3547,

301.8971, 305.8517

0.9248

335.5622,
359.2053, 365.4072

■ 0.0665, 0.1830,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9450, 59.6597,
57.3348

■ 54.9450, 59.6597,
57.3348

■ 51.0752, 57.9074,
46.2685

■ 59.2150, 61.5853,
70.0675

■ 47.5865, 56.3150,
36.7958

■ 63.8936, 63.6820,
84.5275

■ 44.4655, 54.8788,
28.8442

■ 68.9952, 65.9576,
100.7778

■ 41.6960, 53.5923,
22.3340

■ 71.6716, 67.2729,
103.8152

■ 39.2604, 52.4483,
17.1784

■ 73.8757, 68.4091,
103.9184

■ 37.1392, 51.4389,
13.2812

■ 76.1665, 69.5901,
104.0256

■ 35.3107, 50.5552,
10.5336

■ 78.5449, 70.8162,
104.1369

■ 33.7495, 49.7869,
8.8082

■ 81.0118, 72.0879,
104.2523

■ 32.4211, 49.1202,
7.9302

■ 81.1225, 72.1450,
104.2575

Harmonies

Analogous

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



56.5517, 59.6597, 55.9818



54.9450, 59.6597, 57.3348



53.8279, 59.6597, 60.7217

Triad

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



54.9450, 59.6597, 57.3348



55.2052, 59.6597, 73.7075



60.0601, 59.6597, 64.5217

Complementary

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



54.9450, 59.6597, 57.3348



51.9409, 52.8385, 65.2220

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.



59.6823, 59.6597, 69.3895



54.9450, 59.6597, 57.3348



56.8580, 59.6597, 74.8486

Square

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



54.9450, 59.6597, 57.3348



53.9760, 59.6597, 70.1864



58.5017, 59.6597, 73.2314



59.5240, 59.6597, 59.9983

Rectangle

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



54.9450, 59.6597, 57.3348



53.4992, 59.6597, 63.7618



58.5017, 59.6597, 73.2314



60.0358, 59.6597, 66.1716

Sweetspot

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



54.9466, 59.6623, 57.3361



93.6166, 99.3547, 104.6035



53.9883, 55.7290, 56.6274



20.0529, 21.2728, 22.4344



0.0000, 0.0000, 0.0000



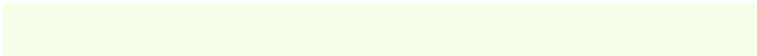
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9466, 59.6623, 57.3361



88.8124, 97.1861, 90.4591



52.9925, 58.6549, 57.2446



11.7762, 12.9020, 11.9491



20.0798, 30.5268, 4.8340



1.1143, 1.6153, 0.2530

Inverse Universe

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



51.9409, 52.8385, 65.2220



82.7555, 83.4349, 106.3506



53.9277, 53.8627, 65.3150



10.9484, 11.0227, 14.1209



8.4510, 3.5642, 36.1988



0.5163, 0.2253, 1.8712

Previews

White Background



This preview shows how the XYZ color 54.9450, 59.6597, 57.3348 looks on a white background.

Color Contrast Check

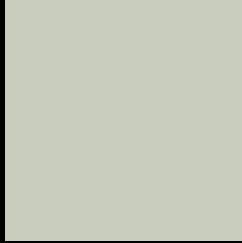
Large Text (above 18pt) WCAG AA × Fail

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 54.9450, 59.6597, 57.3348 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

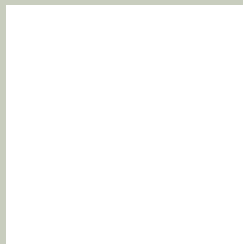
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9450, 59.6597, 57.3348

Background



This preview shows how black text looks on a background with the XYZ color 54.9450, 59.6597, 57.3348.



This preview shows how white text looks on a background with the XYZ color 54.9450, 59.6597,

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

54.9450, 59.6597, 57.3348

Protanopia

56.7760, 59.5735, 56.0834

Deuteranopia

60.6184, 59.4544, 58.1501



Tritanopia

58.3129, 59.6204, 74.0801

Trichromacy



Original Color

54.9450, 59.6597, 57.3348

Protanomaly

55.9948, 59.5078, 56.6790

Deuteranomaly

58.4427, 59.3601, 57.6676

Tritanomaly

57.0116, 59.4426, 67.5002

Monochromacy



Original Color

54.9450, 59.6597, 57.3348

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6364, 59.2066, 61.9217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9450, 59.6597, 57.3348 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(200, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 190)  
}
```

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(200, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 190) }
```

Border

The CSS property to change the border of an element to XYZ 54.9450, 59.6597, 57.3348 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(200, 205, 190) }
```


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

```
.border{ border-color:rgb(200, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9450, 59.6597, 57.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 190) }
```

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

```
.background{ background-color: rgb(200,  
205, 190) }
```

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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