

# Converting Colors

XYZ(54.8667, 56.3679, 59.0272)

Have a look what the booklet for  
XYZ(54.8667, 56.3679, 59.0272)  
contains.

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# **Color**

**XYZ(54.9311, 56.4967,  
59.0487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC4C2
RGB	206, 196, 194
RGB Percent	81%, 77%, 76%
CMY	0.1922, 0.2314, 0.2392
CMYK	0.00, 0.05, 0.06, 0.19
HSL	10°, 11%, 78%
HSV	10°, 6%, 81%
XYZ	54.9311, 56.4967, 59.0487
YIQ	198.7620, 6.6020, 1.4980

# Conversions

## Conversions Part 2

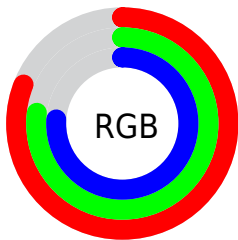
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 196, 194
Decimal	13550786
CIE Lab	79.90, 3.14, 2.24
CIE LCh	80, 3.856, 35.513
Yxy	56.4967, 0.3222, 0.3314
Android (android.graphics.Color)	4291740866 (0xFFCEC4C2)
YUV	198.7620, -2.3477, 6.3477
Hunter-Lab	75.1643, -1.0872, 6.0371

# Details

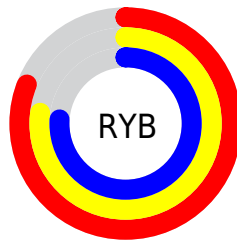
The XYZ color **54.9311, 56.4967, 59.0487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9814, 59.1103, 66.9047**, and the grayscale version is **54.1530, 56.9732, 62.0438**.

A 20% lighter version of the original color is **93.6206, 98.4127, 104.5037**, and **27.3555, 27.9149, 28.7573** is the 20% darker color. If you saturate the color by 10%, you get **49.1246, 48.3326, 46.4790**, and if you desaturate by 10%, it is **61.5043, 65.6796, 73.4576**.

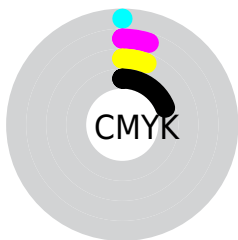
# Distribution



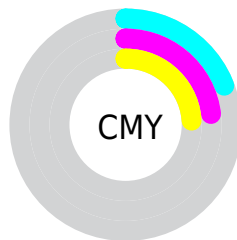
- Red (81%)
- Green (77%)
- Blue (76%)



- Red (81%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9311, 56.4967, 59.0487 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 54.9311, 56.4967, 59.0487 by changing the saturation by 10% instead.



■ 54.9311, 56.4967,  
59.0487

■ 54.9311, 56.4967,  
59.0487

395.7914,  
411.5607, 438.7893

■ 39.5802, 40.6013,  
42.2321

■ 96.5889, 99.7304,  
104.9783

■ 27.3941, 28.0077,  
28.9561

123.6265,  
127.8376, 134.9283

■ 18.0076, 18.3314,  
18.8023

155.2904,  
160.7840, 170.0931

■ 11.0551, 11.1882,  
11.3522

191.9459,  
198.9543, 210.8914

■ 6.1715, 6.1936,  
6.1871

233.9584,  
242.7327, 257.7416

■ 2.9913, 2.9631,  
2.8886

281.6932,

■ 1.1492, 1.1125,

292.5036, 311.0623

1.0380

335.5158,  
348.6515, 371.2720

■ 0.0656, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.9311, 56.4967,  
59.0487

■ 54.9311, 56.4967,  
59.0487

■ 49.1246, 48.3326,  
46.4790

■ 61.5043, 65.6796,  
73.4576

■ 44.0520, 41.1448,  
35.6709

■ 68.8660, 75.9070,  
89.7719

■ 39.6853, 34.8989,  
26.5465

■ 76.9136, 87.1613,  
107.3778

■ 35.9927, 29.5557,  
19.0208

■ 79.2639, 91.8620,  
108.1612

■ 32.9401, 25.0730,  
13.0012

■ 30.4901, 21.4054,  
8.3855

■ 28.6016, 18.5031,  
5.0591

■ 27.2278, 16.3110,  
2.8887

■ 26.3135, 14.7658,  
1.7102

# Harmonies

## Analogous

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



55.2083, 56.4967, 61.1027



54.9311, 56.4967, 59.0487



54.3238, 56.4967, 57.6807

# Triad

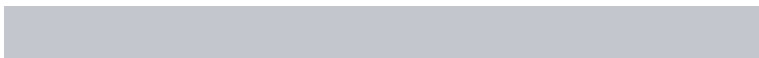
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9311, 56.4967, 59.0487



52.3422, 56.4967, 59.7484



53.8429, 56.4967, 65.8999

# Complementary

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



54.9311, 56.4967, 59.0487



54.9814, 59.1103, 66.9047

# 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.



53.0779, 56.4967, 65.5162



54.9311, 56.4967, 59.0487



52.2163, 56.4967, 61.9298

# Square

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



54.9311, 56.4967, 59.0487



52.8301, 56.4967, 58.0778



52.4843, 56.4967, 64.0497



54.5762, 56.4967, 65.0859



# Rectangle

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



54.9311, 56.4967, 59.0487



53.8161, 56.4967, 57.3232



52.4843, 56.4967, 64.0497



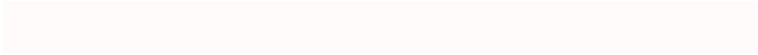
53.5809, 56.4967, 65.9070

# Sweetspot

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



54.9327, 56.4992, 59.0499



92.8993, 96.9951, 104.1859



55.6452, 56.0658, 65.0164



19.9068, 20.7925, 22.3494



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

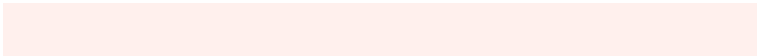


# Same Dimension

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



54.9327, 56.4992, 59.0499



87.7465, 89.7802, 92.9403



56.3124, 59.2586, 59.5098



11.6032, 11.8510, 12.2280



16.0811, 8.8952, 0.8694



0.8779, 0.5555, 0.0609

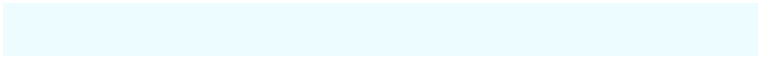


# Inverse Universe

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



54.9814, 59.1103, 66.9047



87.8417, 94.8834, 108.2923



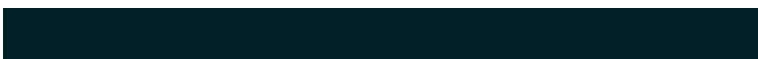
53.5836, 56.3145, 66.4388



11.6165, 12.5677, 14.3839



15.9592, 20.9423, 39.1574



0.8667, 1.1672, 2.0346



# Previews

## White Background



This preview shows how the XYZ color 54.9311, 56.4967, 59.0487 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

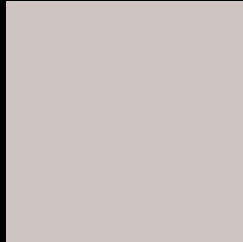
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.9311, 56.4967, 59.0487 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

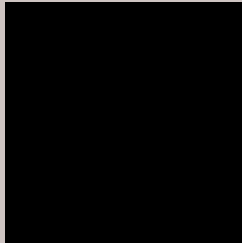
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

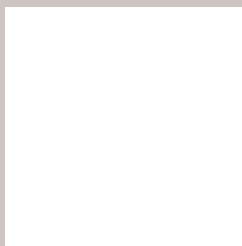
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.9311, 56.4967, 59.0487**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.9311, 56.4967, 59.0487.



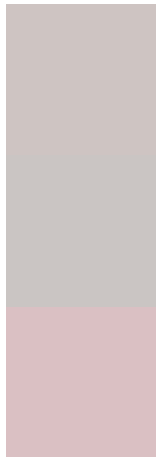
This preview shows how white text looks on a background with the XYZ color 54.9311, 56.4967,



# 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

54.9311, 56.4967, 59.0487

### Protanopia

54.1737, 56.4292, 59.6664

### Deuteranopia

57.6134, 56.5448, 59.5074



## Tritanopia

56.8128, 56.5969, 68.2515

# Trichromacy



## Original Color

54.9311, 56.4967, 59.0487

## Protanomaly

54.4452, 56.5691, 59.6791

## Deuteranomaly

56.6518, 56.3762, 59.5256

## Tritanomaly

56.1463, 56.6552, 65.1031

# Monochromacy



## Original Color

54.9311, 56.4967, 59.0487

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

54.6292, 56.9759, 60.9415

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.9311, 56.4967, 59.0487 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(206, 196, 194) looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 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(206, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 54.9311, 56.4967, 59.0487 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(206, 196, 194) }
```



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

```
.border{ border-color:rgb(206, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.9311, 56.4967, 59.0487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 194) }
```

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

```
.background{ background-color: rgb(206,  
196, 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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