

# Converting Colors

XYZ(54.3819, 56.7536, 65.2150)

Have a look what the booklet for  
XYZ(54.3819, 56.7536, 65.2150)  
contains.

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# Color

**XYZ(54.3819, 56.7536,  
65.2150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6C6CC
RGB	198, 198, 204
RGB Percent	78%, 78%, 80%
CMY	0.2235, 0.2235, 0.2000
CMYK	0.03, 0.03, 0.00, 0.20
HSL	240°, 6%, 79%
HSV	240°, 3%, 80%
XYZ	54.3819, 56.7536, 65.2150
YIQ	198.6840, -1.9260, 1.8660

# Conversions

## Conversions Part 2

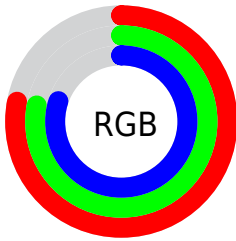
Format	Color
R <sub>Y</sub> B	198, 198, 204
Decimal	13027020
CIE Lab	80.04, 1.12, -3.00
CIE LCh	80, 3.203, 290.484
Yxy	56.7536, 0.3084, 0.3218
Android (android.graphics.Color)	4291217100 (0xFFC6C6CC)
YUV	198.6840, 2.6208, -0.5999
Hunter-Lab	75.3350, -2.9828, 1.4091

# Details

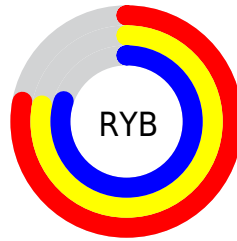
The XYZ color **54.3819, 56.7536, 65.2150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6878, 60.0997, 62.0397**, and the grayscale version is **54.0798, 56.8962, 61.9599**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **26.9799, 28.0778, 32.8517** is the 20% darker color. If you saturate the color by 10%, you get **45.0120, 45.4656, 63.5309**, and if you desaturate by 10%, it is **65.1067, 69.6745, 67.1446**.

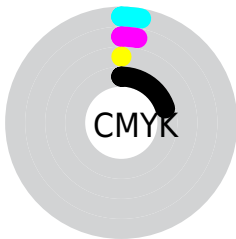
# Distribution



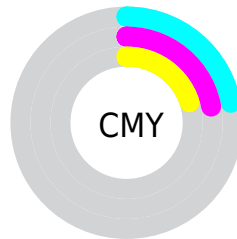
- Red (78%)
- Green (78%)
- Blue (80%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3819, 56.7536, 65.2150 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 54.3819, 56.7536, 65.2150 by changing the saturation by 10% instead.



■ 54.3819, 56.7536,  
65.2150

■ 54.3819, 56.7536,  
65.2150

393.7393,  
412.5254, 461.8915

■ 39.1390, 40.8074,  
47.1830

95.7884, 100.1056,  
113.9751

■ 27.0491, 28.1687,  
32.8250

122.6826,  
128.2802, 145.5403

■ 17.7468, 18.4528,  
21.7224

154.1913,  
161.2997, 182.4537

■ 10.8670, 11.2756,  
13.4567

190.6798,  
199.5486, 225.1337

■ 6.0441, 6.2525,  
7.6094

232.5135,  
243.4112, 273.9990

■ 2.9128, 2.9992,  
3.7618

280.0578,

■ 1.1078, 1.1313,

293.2720, 329.4680

1.4956

333.6779,  
349.5152, 391.9593

■ 0.0317, 0.0045,  
0.2147

■ 0.0000, 0.0000,  
0.0000

■ 54.3819, 56.7536,  
65.2150

■ 54.3819, 56.7536,  
65.2150

■ 45.0120, 45.4656,  
63.5309

■ 65.1067, 69.6745,  
67.1446

■ 36.9385, 35.7387,  
62.0789

■ 77.2320, 84.2821,  
69.3251

■ 30.1057, 27.5063,  
60.8501

■ 87.8992, 97.1397,  
71.2446

■ 24.4523, 20.6945,  
59.8332

■ 19.9114, 15.2230,  
59.0164

■ 16.4098, 11.0033,  
58.3865

■ 13.8653, 7.9367,  
57.9287

■ 12.1835, 5.9092,  
57.6260

■ 11.2505, 4.7840,  
57.4580

# Harmonies

## Analogous

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



53.7359, 56.7536, 65.3990



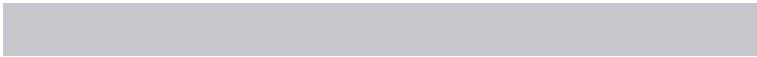
54.3819, 56.7536, 65.2150



54.9142, 56.7536, 64.1046

# Triad

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



54.3819, 56.7536, 65.2150



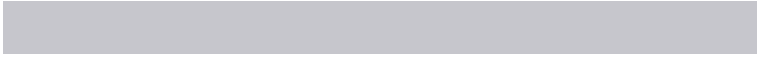
54.7431, 56.7536, 59.0701



52.7173, 56.7536, 61.2042

# Complementary

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



54.3819, 56.7536, 65.2150



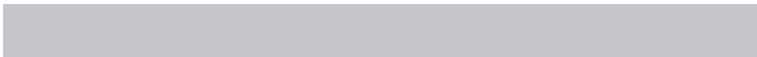
56.6878, 60.0997, 62.0397

# 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.



52.9825, 56.7536, 59.5416



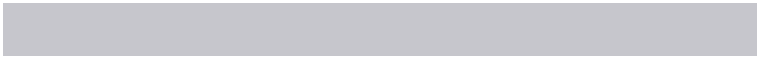
54.3819, 56.7536, 65.2150



54.1498, 56.7536, 58.3259

# Square

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



54.3819, 56.7536, 65.2150



55.1239, 56.7536, 60.5488



53.5057, 56.7536, 58.4968

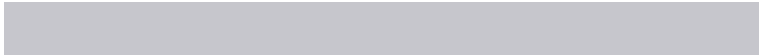


52.7783, 56.7536, 63.0583



# Rectangle

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



54.3819, 56.7536, 65.2150



55.1312, 56.7536, 63.0006



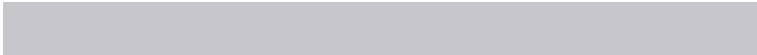
53.5057, 56.7536, 58.4968



52.7712, 56.7536, 60.6050

# Sweetspot

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



54.3835, 56.7560, 65.2162



93.3104, 97.9042, 108.5872



55.7695, 59.5472, 65.6191



19.9906, 20.9776, 23.2454



0.0000, 0.0000, 0.0000

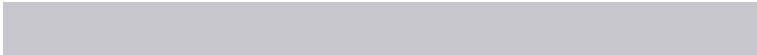


20.3446, 21.4041, 23.3091



# Same Dimension

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



54.3835, 56.7560, 65.2162



88.2300, 91.7837, 107.6735



55.1546, 57.1524, 65.2521



11.5831, 12.0266, 14.2812



6.8610, 2.7459, 36.1247



0.3541, 0.1420, 1.8637

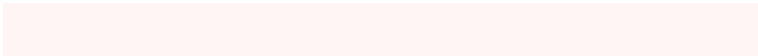


# Inverse Universe

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



55.2902, 57.3039, 61.5756



90.2837, 93.0246, 99.4276



55.9011, 59.6952, 62.0031



11.8981, 12.2170, 13.0165



15.6740, 8.0802, 0.7361

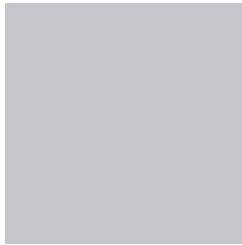


0.8087, 0.4169, 0.0384



# Previews

## White Background



This preview shows how the XYZ color 54.3819, 56.7536, 65.2150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

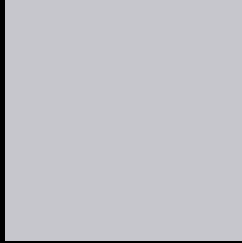
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3819, 56.7536, 65.2150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

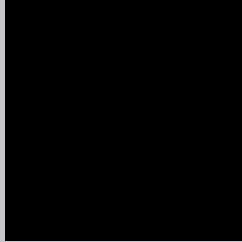
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

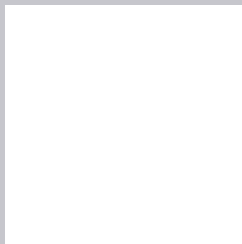
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 54.3819, 56.7536, 65.2150

## Background



This preview shows how black text looks on a background with the XYZ color 54.3819, 56.7536, 65.2150.



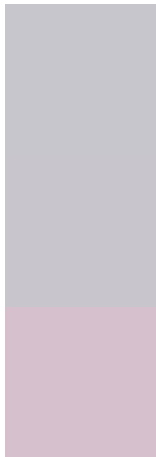
This preview shows how white text looks on a background with the XYZ color 54.3819, 56.7536,



# 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

54.3819, 56.7536, 65.2150

### Protanopia

54.6848, 56.5715, 65.1639

### Deuteranopia

57.6006, 56.4032, 65.6086



## Tritanopia

55.4031, 56.8281, 70.3362

# Trichromacy



## Original Color

54.3819, 56.7536, 65.2150

## Protanomaly

54.4185, 56.4343, 65.1515

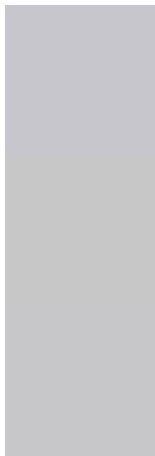
## Deuteranomaly

56.3237, 56.4012, 65.6756

## Tritanomaly

55.0281, 56.6781, 68.3613

# Monochromacy



## Original Color

54.3819, 56.7536, 65.2150

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

54.5192, 57.2060, 63.4267

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3819, 56.7536, 65.2150 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(198, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 204)  
}
```

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(198, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3819, 56.7536, 65.2150 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(198, 198, 204) }
```



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

```
.border{ border-color:rgb(198, 198, 204) }
```

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

Here you see how a box with a 4 pixel rgb(198, 198, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3819, 56.7536, 65.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 204) }
```

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

```
.background{ background-color: rgb(198,  
198, 204) }
```

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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