

# Converting Colors

XYZ(57.5044, 61.1729, 67.6243)

Have a look what the booklet for  
XYZ(57.5044, 61.1729, 67.6243)  
contains.

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# **Color**

**XYZ(57.4212, 61.0651,  
67.7918)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9CECF
RGB	201, 206, 207
RGB Percent	79%, 81%, 81%
CMY	0.2118, 0.1921, 0.1882
CMYK	0.03, 0.00, 0.00, 0.19
HSL	190°, 6%, 80%
HSV	190°, 3%, 81%
XYZ	57.4212, 61.0651, 67.7918
YIQ	204.6190, -3.3010, -0.7490

# Conversions

## Conversions Part 2

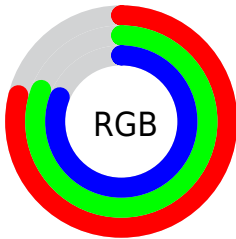
Format	Color
R <sub>Y</sub> B	201, 204, 207
Decimal	13225679
CIE Lab	82.41, -1.51, -1.10
CIE LCh	82, 1.872, 216.012
Yxy	61.0651, 0.3083, 0.3278
Android (android.graphics.Color)	4291415759 (0xFFC9CECF)
YUV	204.6190, 1.1738, -3.1739
Hunter-Lab	78.1442, -5.5885, 3.2655

# Details

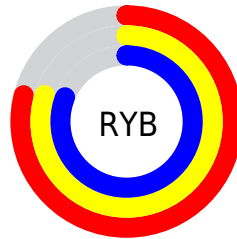
The XYZ color **57.4212, 61.0651, 67.7918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3954, 59.7230, 63.7619**, and the grayscale version is **57.7821, 60.7913, 66.2017**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0106, 30.9594, 34.5837** is the 20% darker color. If you saturate the color by 10%, you get **51.4089, 56.7518, 67.2771**, and if you desaturate by 10%, it is **64.2050, 65.8064, 68.3503**.

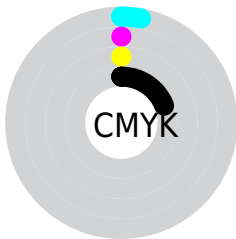
# Distribution



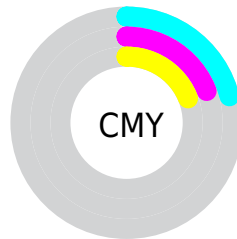
- Red (79%)
- Green (81%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4212, 61.0651, 67.7918 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 57.4212, 61.0651, 67.7918 by changing the saturation by 10% instead.



■ 57.4212, 61.0651,  
67.7918

■ 57.4212, 61.0651,  
67.7918

405.0144,  
428.5127, 471.3360

■ 41.5850, 44.2777,  
49.2627

100.2073,  
106.3732, 117.7056

■ 28.9661, 30.8889,  
34.4609

127.8879,  
135.6627, 149.9275

■ 19.1994, 20.5143,  
22.9677

160.2474,  
169.8883, 187.5507

■ 11.9193, 12.7694,  
14.3646

197.6510,  
209.4345, 230.9938

■ 6.7605, 7.2700,  
8.2330

240.4641,  
254.6856, 280.6754

■ 3.3578, 3.6315,  
4.1545

289.0522,

■ 1.3457, 1.4696,

306.0261, 337.0139

1.7105

343.7805,  
363.8403, 400.4279

■ 0.2170, 0.2672,  
0.3679

■ 0.0000, 0.0000,  
0.0000

■ 57.4212, 61.0651,  
67.7918

■ 57.4212, 61.0651,  
67.7918

■ 51.4089, 56.7518,  
67.2771

■ 64.2050, 65.8064,  
68.3503

■ 46.1331, 52.8432,  
66.8007

■ 71.7833, 70.9826,  
68.9500

■ 41.5635, 49.3252,  
66.3625

■ 77.1407, 75.0412,  
69.4511

■ 37.6659, 46.1801,  
65.9608

■ 78.0327, 76.8251,  
69.7484

■ 34.4031, 43.3884,  
65.5940

■ 78.9432, 78.6461,  
70.0519

■ 31.7343, 40.9289,  
65.2599

■ 79.8724, 80.5045,  
70.3616

■ 29.6138, 38.7779,  
64.9565

■ 80.8203, 82.4004,  
70.6776

■ 27.9888, 36.9080,  
64.6812

■ 81.7871, 84.3340,  
70.9999

■ 26.7960, 35.2865,  
64.4311

■ 82.7730, 86.3057,  
71.3285

# Harmonies

## Analogous

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



57.2797, 61.0651, 66.7203



57.4212, 61.0651, 67.7918



57.7287, 61.0651, 68.5204

# Triad

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



57.4212, 61.0651, 67.7918



58.7454, 61.0651, 67.3882



57.9601, 61.0651, 64.3249

# Complementary

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



57.4212, 61.0651, 67.7918



57.3954, 59.7230, 63.7619

# 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.



58.3535, 61.0651, 64.4991



57.4212, 61.0651, 67.7918



58.8081, 61.0651, 66.2593

# Square

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



57.4212, 61.0651, 67.7918



58.4935, 61.0651, 68.2856



58.6643, 61.0651, 65.2040



57.5899, 61.0651, 64.7252



# Rectangle

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



57.4212, 61.0651, 67.7918



57.9871, 61.0651, 68.7091



58.6643, 61.0651, 65.2040



58.0940, 61.0651, 64.3183

# Sweetspot

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



57.4229, 61.0677, 67.7931



93.9831, 99.2496, 108.8114



57.0500, 61.3037, 64.6420



20.1275, 21.2514, 23.2911



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.



57.4229, 61.0677, 67.7931



91.8873, 97.7697, 108.6362



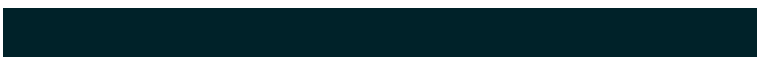
56.7304, 59.6826, 67.5623



12.7588, 13.6126, 15.1987



16.5242, 21.6949, 40.5091



0.9694, 1.3040, 2.2802



# Inverse Universe

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



57.7607, 59.4961, 66.8351



92.4539, 95.1342, 107.0286



58.0831, 61.0983, 63.9912



12.8569, 13.1577, 14.9203



20.9714, 10.2614, 25.8191

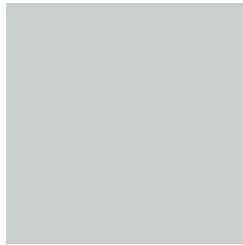


1.1956, 0.5829, 1.5646



# Previews

## White Background



This preview shows how the XYZ color 57.4212, 61.0651, 67.7918 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

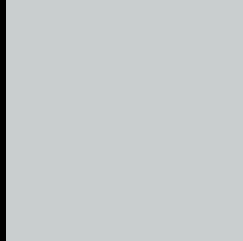
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.4212, 61.0651, 67.7918 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

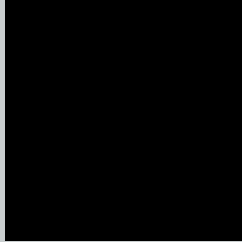
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

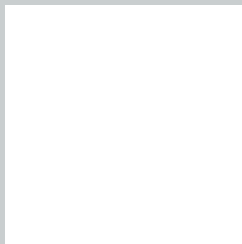
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 57.4212, 61.0651, 67.7918

## Background



This preview shows how black text looks on a background with the XYZ color 57.4212, 61.0651, 67.7918.



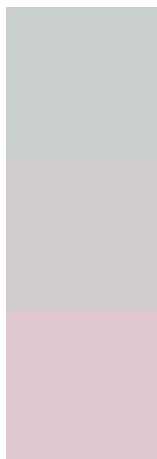
This preview shows how white text looks on a background with the XYZ color 57.4212, 61.0651,



# 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

57.4212, 61.0651, 67.7918

### Protanopia

58.7459, 61.0519, 67.0805

### Deuteranopia

62.2400, 61.0889, 68.1854



## Tritanopia

59.1397, 61.0495, 76.3769

# Trichromacy



## Original Color

57.4212, 61.0651, 67.7918

## Protanomaly

58.1487, 61.0980, 67.1208

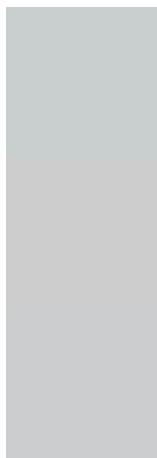
## Deuteranomaly

60.5300, 61.2422, 68.3052

## Tritanomaly

58.4542, 61.1255, 73.0075

# Monochromacy



## Original Color

57.4212, 61.0651, 67.7918

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

57.8737, 60.9562, 67.1080

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.4212, 61.0651, 67.7918 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, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(201, 206, 207)  
}
```

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, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 206, 207) }
```

## Border

The CSS property to change the border of an element to XYZ 57.4212, 61.0651, 67.7918 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, 206, 207) }
```



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

```
.border{ border-color:rgb(201, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(201, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 206,  
207) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.4212, 61.0651, 67.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 206, 207) }
```

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

```
.background{ background-color: rgb(201,  
206, 207) }
```

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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