

# Converting Colors

XYZ(57.8392, 59.3683, 67.1068)

Have a look what the booklet for  
XYZ(57.8392, 59.3683, 67.1068)  
contains.

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# Color

**XYZ(57.7593, 59.4949,  
66.8319)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFC9CE
RGB	207, 201, 206
RGB Percent	81%, 79%, 81%
CMY	0.1882, 0.2117, 0.1922
CMYK	0.00, 0.03, 0.00, 0.19
HSL	310°, 6%, 80%
HSV	310°, 3%, 81%
XYZ	57.7593, 59.4949, 66.8319
YIQ	203.3640, 1.9710, 2.8270

# Conversions

## Conversions Part 2

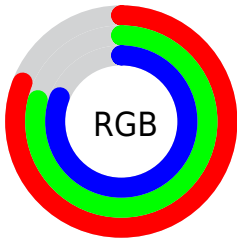
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 201, 206
Decimal	13617614
CIE Lab	81.56, 2.98, -1.76
CIE LCh	82, 3.461, 329.476
Yxy	59.4949, 0.3138, 0.3232
Android (android.graphics.Color)	4291807694 (0xFFCFC9CE)
YUV	203.3640, 1.2995, 3.1888
Hunter-Lab	77.1329, -1.3168, 2.6212

# Details

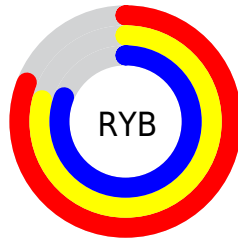
The XYZ color **57.7593, 59.4949, 66.8319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0631, 61.3089, 64.7064**, and the grayscale version is **56.9861, 59.9539, 65.2897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2381, 29.9067, 33.9373** is the 20% darker color. If you saturate the color by 10%, you get **52.8412, 50.3217, 63.1470**, and if you desaturate by 10%, it is **63.3403, 69.9775, 70.7847**.

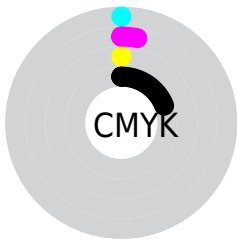
# Distribution



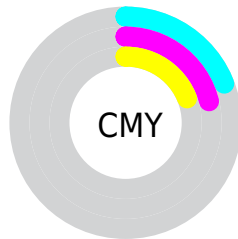
- Red (81%)
- Green (79%)
- Blue (81%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7593, 59.4949, 66.8319 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 57.7593, 59.4949, 66.8319 by changing the saturation by 10% instead.



■ 57.7593, 59.4949,  
66.8319

■ 57.7593, 59.4949,  
66.8319

406.2568,  
422.7335, 467.8314

■ 41.8577, 43.0116,  
48.4873

100.6972,  
104.0966, 116.3179

■ 29.1805, 29.8942,  
33.8502

128.4643,  
132.9838, 148.2963

■ 19.3624, 19.7583,  
22.5021

160.9172,  
166.7745, 185.6564

■ 12.0380, 12.2195,  
14.0245

198.4213,  
205.8531, 228.8168

■ 6.8419, 6.8933,  
7.9987

241.3419,  
250.6038, 278.1959

■ 3.4089, 3.3955,  
4.0064

290.0445,

■ 1.3735, 1.3415,

301.4112, 334.2124

1.6288

344.8943,  
358.6596, 397.2847

■ 0.2372, 0.1730,  
0.3113

■ 0.0000, 0.0000,  
0.0000

■ 57.7593, 59.4949,  
66.8319

■ 57.7593, 59.4949,  
66.8319

■ 52.8412, 50.3217,  
63.1470

■ 63.3403, 69.9775,  
70.7847

■ 48.5550, 42.3984,  
59.7171

■ 69.6035, 81.8106,  
75.0099

■ 44.8748, 35.6726,  
56.5340

■ 73.9333, 89.7619,  
78.6367

■ 41.7710, 30.0851,  
53.5877

■ 74.3853, 89.9427,  
81.0171

39.2113, 25.5714,  
50.8670

74.8468, 90.1273,  
83.4473

37.1604, 22.0611,  
48.3599

75.3178, 90.3157,  
85.9274

35.5786, 19.4748,  
46.0529

75.7983, 90.5079,  
88.4579

34.4203, 17.7215,  
43.9304

76.2884, 90.7040,  
91.0389

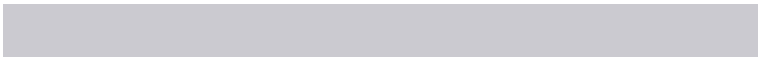
33.6307, 16.6915,  
41.9738

76.7882, 90.9039,  
93.6708

# Harmonies

## Analogous

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



57.2379, 59.4949, 68.3234



57.7593, 59.4949, 66.8319



57.9557, 59.4949, 64.8164

# Triad

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



57.7593, 59.4949, 66.8319



56.5609, 59.4949, 60.8633



55.3414, 59.4949, 66.7672

# Complementary

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



57.7593, 59.4949, 66.8319



57.0631, 61.3089, 64.7064

# 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.



55.1635, 59.4949, 64.7433



57.7593, 59.4949, 66.8319



55.8639, 59.4949, 61.3610

# Square

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



57.7593, 59.4949, 66.8319



57.2602, 59.4949, 61.3963



55.3540, 59.4949, 62.7702



55.8420, 59.4949, 68.2855



# Rectangle

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



57.7593, 59.4949, 66.8319



57.8746, 59.4949, 63.4559



55.3540, 59.4949, 62.7702



55.2421, 59.4949, 66.1221

# Sweetspot

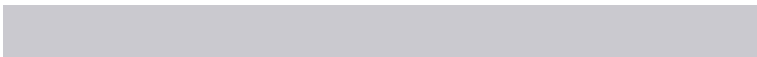
The Sweet Spot groups the original color and five complimentary colors.



57.7610, 59.4975, 66.8332



94.1735, 98.3564, 108.2705



56.5087, 58.8378, 67.4107



20.1662, 21.0696, 23.1810



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.



57.7610, 59.4975, 66.8332



92.4532, 95.1339, 107.0246



57.4002, 59.3531, 64.9332



12.8567, 13.1577, 14.9196



20.9635, 10.2582, 25.7776



1.1952, 0.5828, 1.5626



# Inverse Universe

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



57.7610, 59.4975, 66.8332



92.4532, 95.1339, 107.0246



57.4216, 61.4523, 66.5942



12.8567, 13.1577, 14.9196



20.9635, 10.2582, 25.7776

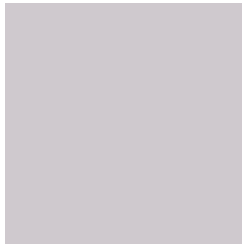


1.1952, 0.5828, 1.5626



# Previews

## White Background



This preview shows how the XYZ color 57.7593, 59.4949, 66.8319 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

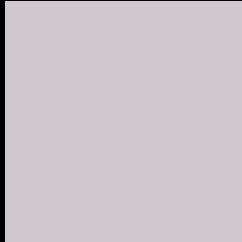
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.7593, 59.4949, 66.8319 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

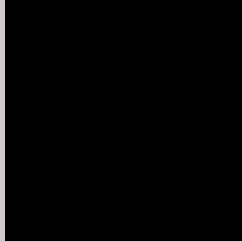
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 57.7593, 59.4949, 66.8319**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.7593, 59.4949, 66.8319.



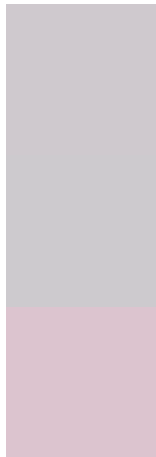
This preview shows how white text looks on a background with the XYZ color 57.7593, 59.4949,



# 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

57.7593, 59.4949, 66.8319

### Protanopia

57.4379, 59.6764, 66.8839

### Deuteranopia

60.5176, 59.2005, 67.2687



## Tritanopia

58.9324, 59.6247, 72.6926

# Trichromacy



## Original Color

57.7593, 59.4949, 66.8319

## Protanomaly

57.7147, 59.8191, 66.8969

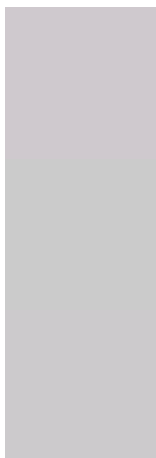
## Deuteranomaly

59.4809, 59.3402, 67.3503

## Tritanomaly

58.5504, 59.4719, 70.6806

# Monochromacy



## Original Color

57.7593, 59.4949, 66.8319

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

56.9215, 59.4381, 65.5994

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.7593, 59.4949, 66.8319 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(207, 201, 206) looks like.

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

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(207, 201, 206) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to XYZ 57.7593, 59.4949, 66.8319 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(207, 201, 206) }
```



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

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

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

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

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

# Background

The CSS property to change the background color of an element to XYZ 57.7593, 59.4949, 66.8319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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