

# Converting Colors

XYZ(57.5868, 60.8313, 66.7271)

Have a look what the booklet for  
XYZ(57.5868, 60.8313, 66.7271)  
contains.

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# **Color**

**XYZ(57.4794, 60.7669,  
66.4573)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBCDCD
RGB	203, 205, 205
RGB Percent	80%, 80%, 80%
CMY	0.2039, 0.1961, 0.1961
CMYK	0.01, 0.00, 0.00, 0.20
HSL	180°, 2%, 80%
HSV	180°, 1%, 80%
XYZ	57.4794, 60.7669, 66.4573
YIQ	204.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	203, 204, 205
Decimal	13356493
CIE Lab	82.25, -0.68, -0.25
CIE LCh	82, 0.724, 200.133
Yxy	60.7669, 0.3112, 0.3290
Android (android.graphics.Color)	4291546573 (0xFFCBCDCD)
YUV	204.4020, 0.2948, -1.2296
Hunter-Lab	77.9531, -4.7995, 4.0207

# Details

The XYZ color **57.4794, 60.7669, 66.4573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3146, 60.0045, 65.0642**, and the grayscale version is **57.6490, 60.6513, 66.0492**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0469, 30.7571, 33.6839** is the 20% darker color. If you saturate the color by 10%, you get **52.2580, 58.0773, 66.1928**, and if you desaturate by 10%, it is **63.4425, 63.8423, 66.7590**.

# Distribution



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



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4794, 60.7669, 66.4573 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 57.4794, 60.7669, 66.4573 by changing the saturation by 10% instead.



■ 57.4794, 60.7669,  
66.4573

■ 57.4794, 60.7669,  
66.4573

405.2285,  
427.4188, 466.4594

■ 41.6319, 44.0371,  
48.1849

100.2917,  
105.9414, 115.7757

■ 29.0030, 30.6997,  
33.6123

127.9872,  
135.1548, 147.6587

■ 19.2274, 20.3703,  
22.3210

160.3627,  
169.2982, 184.9158

■ 11.9397, 12.6645,  
13.8924

197.7836,  
208.7560, 227.9653

■ 6.7745, 7.1979,  
7.9079

240.6153,  
253.9125, 277.2259

■ 3.3666, 3.5862,  
3.9492

289.2231,

■ 1.3504, 1.4449,

305.1523, 333.1161

1.5975

343.9724,  
362.8595, 396.0544

■ 0.2205, 0.2495,  
0.2890

■ 0.0000, 0.0000,  
0.0000

■ 57.4794, 60.7669,  
66.4573

■ 57.4794, 60.7669,  
66.4573

■ 52.2580, 58.0773,  
66.1928

■ 63.4425, 63.8423,  
66.7590

■ 47.7443, 55.7509,  
65.9602


■ 70.1694, 67.3096,  
67.0952


■ 43.9096, 53.7745,  
65.7594

■ 74.1044, 69.3377,  
67.3007


■ 40.7208, 52.1311,  
65.5888

■ 74.1085, 69.3393,  
67.3223


 38.1425, 50.8025,  
65.4468


 74.1126, 69.3410,  
67.3439


 36.1357, 49.7684,  
65.3315


 74.1167, 69.3426,  
67.3655


 34.6567, 49.0064,  
65.2409

 74.1208, 69.3442,  
67.3871

 33.6560, 48.4910,  
65.1728

 74.1249, 69.3459,  
67.4087

 33.0741, 48.1915,  
65.1242

 74.1290, 69.3475,  
67.4303

# Harmonies

## Analogous

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



57.4657, 60.7669, 66.0195



57.4794, 60.7669, 66.4573



57.5674, 60.7669, 66.8182

# Triad

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



57.4794, 60.7669, 66.4573



57.9848, 60.7669, 66.7102



57.8079, 60.7669, 65.3324

# Complementary

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



57.4794, 60.7669, 66.4573



57.3146, 60.0045, 65.0642

# 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.



57.9472, 60.7669, 65.5157



57.4794, 60.7669, 66.4573



58.0495, 60.7669, 66.3103

# Square

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



57.4794, 60.7669, 66.4573



57.8591, 60.7669, 66.9647



58.0357, 60.7669, 65.8732



57.6552, 60.7669, 65.3714



# Rectangle

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



57.4794, 60.7669, 66.4573



57.6565, 60.7669, 66.9660



58.0357, 60.7669, 65.8732



57.8579, 60.7669, 65.3700

# Sweetspot

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



57.4811, 60.7695, 66.4586

95.0500, 100.0000, 108.9000



57.2503, 60.6782, 65.1956



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

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



57.4811, 60.7695, 66.4586



94.1174, 99.5193, 108.8528



57.2506, 60.3079, 66.3838



12.5141, 13.2276, 14.4635



20.4257, 29.9156, 40.5225



1.0540, 1.5434, 2.0919



# Inverse Universe

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



57.3146, 60.0045, 65.0642



93.8347, 98.2209, 106.4862



57.5435, 60.4631, 65.1386



12.4793, 13.0675, 14.1718



15.6750, 8.0806, 0.7414

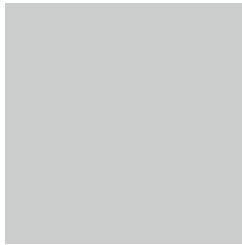


0.8089, 0.4170, 0.0397



# Previews

## White Background



This preview shows how the XYZ color 57.4794, 60.7669, 66.4573 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 57.4794, 60.7669, 66.4573 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

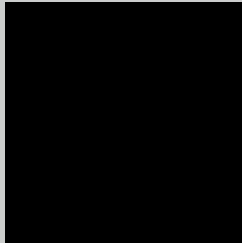
Any Text WCAG AAA ✓ Pass

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

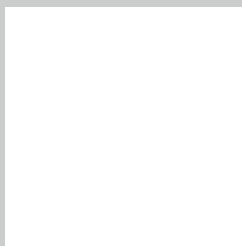


**XYZ 57.4794, 60.7669, 66.4573**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.4794, 60.7669, 66.4573.



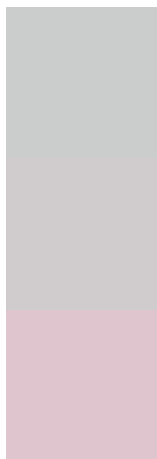
This preview shows how white text looks on a background with the XYZ color 57.4794, 60.7669,



# 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

57.4794, 60.7669, 66.4573

### Protanopia

58.2674, 60.4814, 65.7298

### Deuteranopia

61.7661, 60.5324, 66.8210



## Tritanopia

59.3190, 60.8055, 75.6280

# Trichromacy



## Original Color

57.4794, 60.7669, 66.4573

## Protanomaly

57.9455, 60.6672, 65.7826

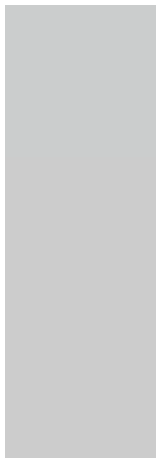
## Deuteranomaly

60.3461, 60.8284, 66.9530

## Tritanomaly

58.6323, 60.8781, 72.2787

# Monochromacy



## Original Color

57.4794, 60.7669, 66.4573

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

57.3938, 60.3827, 65.7568

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.4794, 60.7669, 66.4573 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(203, 205, 205) looks like.

```
.text, #text, p{  
    color:rgb(203, 205, 205)  
}
```

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(203, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 205, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 57.4794, 60.7669, 66.4573 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(203, 205, 205) }
```

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

```
.border{ border-color:rgb(203, 205, 205) }
```

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

Here you see how a box with a 4 pixel rgb(203, 205, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 205,  
205) }
```



# Background

The CSS property to change the background color of an element to XYZ 57.4794, 60.7669, 66.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 205, 205) }
```

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

```
.background{ background-color: rgb(203,  
205, 205) }
```

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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