

Converting Colors

XYZ(57.6653, 60.9582, 67.7488)

Have a look what the booklet for
XYZ(57.6653, 60.9582, 67.7488)
contains.

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Color

**XYZ(57.4509, 60.7242,
67.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	CACDCF
RGB	202, 205, 207
RGB Percent	79%, 80%, 81%
CMY	0.2078, 0.1961, 0.1882
CMYK	0.02, 0.01, 0.00, 0.19
HSL	204°, 5%, 80%
HSV	204°, 2%, 81%
XYZ	57.4509, 60.7242, 67.7244
YIQ	204.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

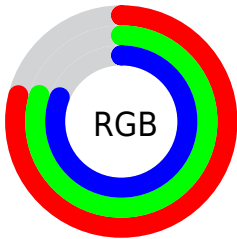
Format	Color
R _Y B	202, 204, 207
Decimal	13290959
CIE Lab	82.23, -0.65, -1.36
CIE LCh	82, 1.508, 244.442
Yxy	60.7242, 0.3090, 0.3267
Android (android.graphics.Color)	4291481039 (0xFFCACDCF)
YUV	204.3310, 1.3158, -2.0443
Hunter-Lab	77.9257, -4.7706, 3.0197

Details

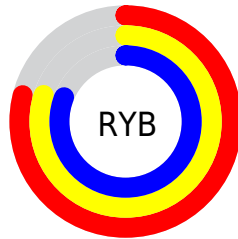
The XYZ color **57.4509, 60.7242, 67.7244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9857, 60.7146, 64.5409**, and the grayscale version is **57.5984, 60.5979, 65.9912**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0291, 30.7290, 34.5383** is the 20% darker color. If you saturate the color by 10%, you get **50.2966, 54.1796, 66.8392**, and if you desaturate by 10%, it is **65.4645, 67.8702, 68.6823**.

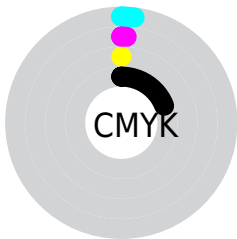
Distribution



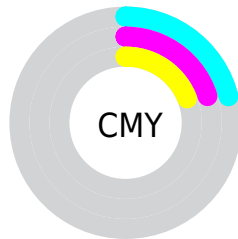
- Red (79%)
- Green (80%)
- Blue (81%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4509, 60.7242, 67.7244 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 57.4509, 60.7242, 67.7244 by changing the saturation by 10% instead.

■ 57.4509, 60.7242,
67.7244

■ 57.4509, 60.7242,
67.7244

405.1237,
427.2620, 471.0904

■ 41.6089, 44.0026,
49.2083

100.2504,
105.8795, 117.6083

■ 28.9850, 30.6726,
34.4180

127.9386,
135.0820, 149.8131

■ 19.2137, 20.3497,
22.9349

160.3062,
169.2136, 187.4179

■ 11.9297, 12.6495,
14.3406

197.7187,
208.6587, 230.8412

■ 6.7677, 7.1876,
8.2165

240.5413,
253.8017, 280.5016

■ 3.3623, 3.5797,
4.1440

289.1394,

■ 1.3481, 1.4414,

305.0270, 336.8176

1.7047

343.8784,
362.7190, 400.2077

■ 0.2188, 0.2469,
0.3639

■ 0.0000, 0.0000,
0.0000

■ 57.4509, 60.7242,
67.7244

■ 57.4509, 60.7242,
67.7244

■ 50.2966, 54.1796,
66.8392

■ 65.4645, 67.8702,
68.6823

■ 43.9650, 48.2101,
66.0206

■ 74.3617, 75.6275,
69.7106

■ 38.4246, 42.7988,
65.2682

■ 80.7441, 82.2480,
70.6521

■ 33.6398, 37.9248,
64.5796

■ 83.0965, 86.9528,
71.4363

■ 29.5718, 33.5655,
63.9526

■ 85.5594, 91.8786,
72.2572

■ 26.1784, 29.6967,
63.3846

■ 88.1342, 97.0282,
73.1155

■ 23.4124, 26.2912,
62.8731

■ 88.2627, 97.2851,
73.1583

■ 21.2198, 23.3185,
62.4149

■ 19.5362, 20.7424,
62.0064

Harmonies

Analogous

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



57.2095, 60.7242, 67.1222



57.4509, 60.7242, 67.7244



57.7643, 60.7242, 67.8947

Triad

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



57.4509, 60.7242, 67.7244



58.3335, 60.7242, 65.9816



57.3685, 60.7242, 64.6725

Complementary

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



57.4509, 60.7242, 67.7244



57.9857, 60.7146, 64.5409

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.



57.6688, 60.7242, 64.3732



57.4509, 60.7242, 67.7244



58.2266, 60.7242, 65.1245

Square

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



57.4509, 60.7242, 67.7244



58.2746, 60.7242, 66.8832



57.9830, 60.7242, 64.5379



57.1620, 60.7242, 65.3593

Rectangle

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



57.4509, 60.7242, 67.7244



57.9721, 60.7242, 67.7392



57.9830, 60.7242, 64.5379



57.4618, 60.7242, 64.5236

Sweetspot

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



57.4526, 60.7268, 67.7257



93.7941, 98.8716, 108.7484



57.5599, 61.5388, 65.9196



20.0890, 21.1745, 23.2782



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

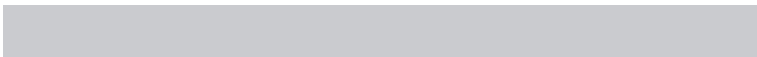
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.4526, 60.7268, 67.7257



91.3246, 96.6444, 108.4487



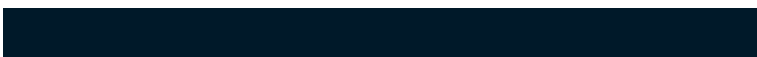
56.8781, 59.5778, 67.5342



12.6614, 13.4177, 15.1662



11.7592, 12.1650, 38.9208



0.7340, 0.8332, 2.2017

Inverse Universe

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



57.8734, 59.9153, 66.2753



92.1699, 95.0206, 105.5331



58.5654, 61.8741, 64.7341



12.8077, 13.1380, 14.6613



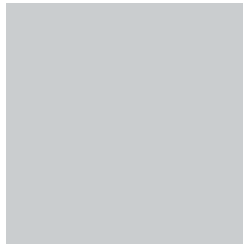
18.5662, 9.2993, 13.1539



1.0767, 0.5354, 0.9388

Previews

White Background



This preview shows how the XYZ color 57.4509, 60.7242, 67.7244 looks on a white background.

Color Contrast Check

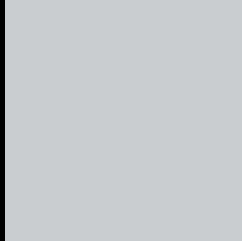
Large Text (above 18pt) WCAG AA × Fail

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 57.4509, 60.7242, 67.7244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

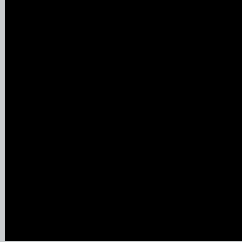
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

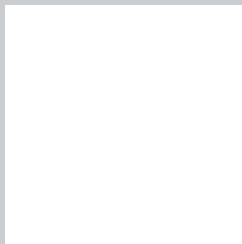
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4509, 60.7242, 67.7244

Background



This preview shows how black text looks on a background with the XYZ color 57.4509, 60.7242, 67.7244.

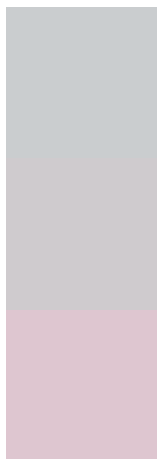


This preview shows how white text looks on a background with the XYZ color 57.4509, 60.7242,

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

57.4509, 60.7242, 67.7244

Protanopia

58.2286, 60.4335, 66.9884

Deuteranopia

61.7035, 60.4718, 68.0946



Tritanopia

59.0440, 60.6637, 75.6151

Trichromacy



Original Color

57.4509, 60.7242, 67.7244

Protanomaly

57.9103, 60.6211, 67.0414

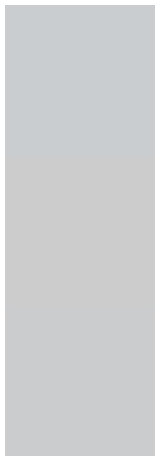
Deuteranomaly

60.2961, 60.7744, 68.2272

Tritanomaly

58.4872, 60.7885, 72.9407

Monochromacy



Original Color

57.4509, 60.7242, 67.7244

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2409, 60.2900, 66.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4509, 60.7242, 67.7244 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(202, 205, 207) looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 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(202, 205, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.4509, 60.7242, 67.7244 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(202, 205, 207) }
```


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

```
.border{ border-color:rgb(202, 205, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4509, 60.7242, 67.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 207) }
```

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

```
.background{ background-color: rgb(202,  
205, 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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