

Converting Colors

XYZ(58.5813, 60.3451, 67.8105)

Have a look what the booklet for
XYZ(58.5813, 60.3451, 67.8105)
contains.

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Color

**XYZ(58.3954, 60.1560,
67.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CACF
RGB	208, 202, 207
RGB Percent	82%, 79%, 81%
CMY	0.1843, 0.2078, 0.1882
CMYK	0.00, 0.03, 0.00, 0.18
HSL	310°, 6%, 80%
HSV	310°, 3%, 82%
XYZ	58.3954, 60.1560, 67.5650
YIQ	204.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

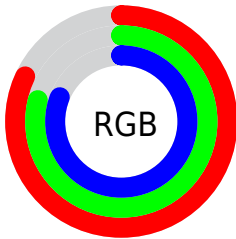
Format	Color
R _Y B	208, 202, 207
Decimal	13683407
CIE Lab	81.92, 2.98, -1.76
CIE LCh	82, 3.458, 329.474
Yxy	60.1560, 0.3138, 0.3232
Android (android.graphics.Color)	4291873487 (0xFFD0CACF)
YUV	204.3640, 1.2995, 3.1888
Hunter-Lab	77.5603, -1.3373, 2.6430

Details

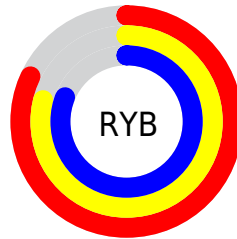
The XYZ color **58.3954, 60.1560, 67.5650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6947, 61.9816, 65.4257**, and the grayscale version is **57.6174, 60.6180, 66.0130**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6661, 30.3497, 34.4315** is the 20% darker color. If you saturate the color by 10%, you get **53.4215, 50.8785, 63.8389**, and if you desaturate by 10%, it is **64.0398, 70.7580, 71.5621**.

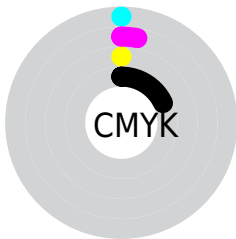
Distribution



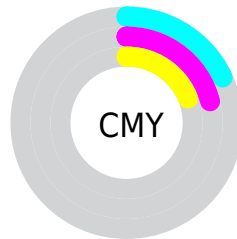
- Red (82%)
- Green (79%)
- Blue (81%)



- Red (82%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3954, 60.1560, 67.5650 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 58.3954, 60.1560, 67.5650 by changing the saturation by 10% instead.

■ 58.3954, 60.1560,
67.5650

■ 58.3954, 60.1560,
67.5650

408.5878,
425.1725, 470.5094

■ 42.3711, 43.5444,
49.0794

101.6181,
105.0559, 117.3779

■ 29.5844, 30.3125,
34.3165

129.5472,
134.1130, 149.5424

■ 19.6698, 20.0759,
22.8575

162.1753,
168.0874, 187.1036

■ 12.2621, 12.4502,
14.2840

199.8677,
207.3635, 230.4801

■ 6.9959, 7.0511,
8.1775

242.9898,
252.3257, 280.0904

■ 3.5059, 3.4941,
4.1193

291.9070,

■ 1.4266, 1.3948,

303.3583, 336.3530

1.6910

346.9845,
360.8458, 399.6865

■ 0.2750, 0.2129,
0.3546

■ 0.0000, 0.0000,
0.0000

■ 58.3954, 60.1560,
67.5650

■ 58.3954, 60.1560,
67.5650

■ 53.4215, 50.8785,
63.8389

■ 64.0398, 70.7580,
71.5621

■ 49.0869, 42.8655,
60.3707

■ 70.3743, 82.7260,
75.8347

■ 45.3652, 36.0638,
57.1523

■ 74.3498, 89.9609,
79.3674

■ 42.2265, 30.4134,
54.1732

■ 74.8069, 90.1437,
81.7742

39.6383, 25.8493,
51.4224

75.2734, 90.3303,
84.2312

37.5646, 22.2999,
48.8876

75.7496, 90.5208,
86.7388

35.9655, 19.6853,
46.5552

76.2355, 90.7151,
89.2972

34.7947, 17.9132,
44.4093

76.7310, 90.9134,
91.9068

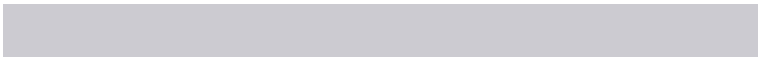
33.9967, 16.8725,
42.4313

77.2363, 91.1155,
94.5678

Harmonies

Analogous

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



57.8706, 60.1560, 69.0659



58.3954, 60.1560, 67.5650



58.5931, 60.1560, 65.5366

Triad

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



58.3954, 60.1560, 67.5650



57.1894, 60.1560, 61.5575



55.9619, 60.1560, 67.4997

Complementary

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



58.3954, 60.1560, 67.5650



57.6947, 61.9816, 65.4257

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.



55.7829, 60.1560, 65.4627



58.3954, 60.1560, 67.5650



56.4879, 60.1560, 62.0584

Square

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



58.3954, 60.1560, 67.5650



57.8932, 60.1560, 62.0941



55.9746, 60.1560, 63.4768



56.4657, 60.1560, 69.0276

Rectangle

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



58.3954, 60.1560, 67.5650



58.5115, 60.1560, 64.1672



55.9746, 60.1560, 63.4768



55.8619, 60.1560, 66.8504

Sweetspot

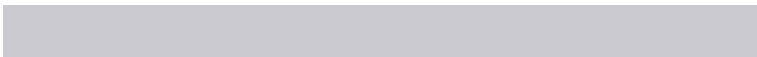
The Sweet Spot groups the original color and five complimentary colors.



58.3971, 60.1586, 67.5663



94.1735, 98.3564, 108.2705



57.1369, 59.4947, 68.1474



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.



58.3971, 60.1586, 67.5663



92.4532, 95.1339, 107.0248



58.0340, 60.0133, 65.6541



12.8567, 13.1577, 14.9196



20.9639, 10.2584, 25.7796



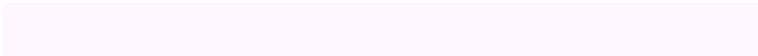
1.1952, 0.5828, 1.5627

Inverse Universe

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



58.3971, 60.1586, 67.5663



92.4532, 95.1339, 107.0248



58.0555, 62.1259, 67.3257



12.8567, 13.1577, 14.9196



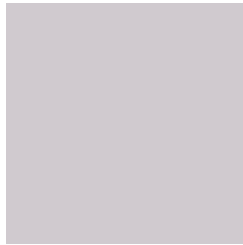
20.9639, 10.2584, 25.7796



1.1952, 0.5828, 1.5627

Previews

White Background



This preview shows how the XYZ color 58.3954, 60.1560, 67.5650 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 58.3954, 60.1560, 67.5650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

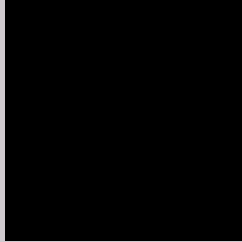
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

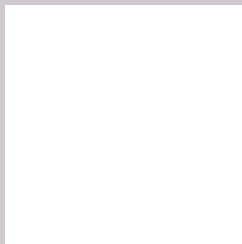
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3954, 60.1560, 67.5650

Background



This preview shows how black text looks on a background with the XYZ color 58.3954, 60.1560, 67.5650.

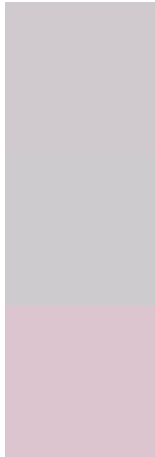


This preview shows how white text looks on a background with the XYZ color 58.3954, 60.1560,

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

58.3954, 60.1560, 67.5650

Protanopia

58.0720, 60.3387, 67.6173

Deuteranopia

61.1702, 59.8587, 68.0044



Tritanopia

59.5758, 60.2865, 73.4622

Trichromacy



Original Color

58.3954, 60.1560, 67.5650

Protanomaly

58.3505, 60.4823, 67.6303

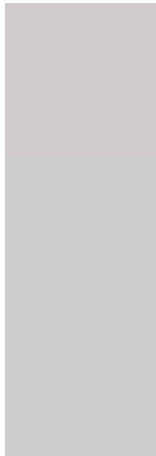
Deuteranomaly

60.1275, 59.9998, 68.0866

Tritanomaly

59.1914, 60.1327, 71.4378

Monochromacy



Original Color

58.3954, 60.1560, 67.5650

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5522, 60.0988, 66.3245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3954, 60.1560, 67.5650 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(208, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 202, 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(208, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 202, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.3954, 60.1560, 67.5650 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(208, 202, 207) }
```


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

```
.border{ border-color:rgb(208, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 202, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 202, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 202,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3954, 60.1560, 67.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 202, 207) }
```

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

```
.background{ background-color: rgb(208,  
202, 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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