

Converting Colors

XYZ(56.3882, 58.0557, 67.1757)

Have a look what the booklet for
XYZ(56.3882, 58.0557, 67.1757)
contains.

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Color

**XYZ(56.3145, 58.0484,
67.2678)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC7CF
RGB	203, 199, 207
RGB Percent	80%, 78%, 81%
CMY	0.2039, 0.2196, 0.1882
CMYK	0.02, 0.04, 0.00, 0.19
HSL	270°, 8%, 80%
HSV	270°, 4%, 81%
XYZ	56.3145, 58.0484, 67.2678
YIQ	201.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

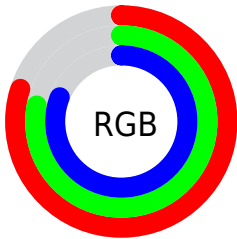
Format	Color
R _Y B	203, 199, 207
Decimal	13354959
CIE Lab	80.77, 2.86, -3.50
CIE LCh	81, 4.518, 309.209
Yxy	58.0484, 0.3100, 0.3196
Android (android.graphics.Color)	4291545039 (0xFFC7BC7CF)
YUV	201.1080, 2.9048, 1.6593
Hunter-Lab	76.1895, -1.3956, 0.9854

Details

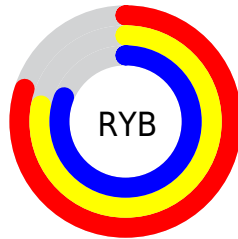
The XYZ color **56.3145, 58.0484, 67.2678** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2525, 61.4472, 62.8788**, and the grayscale version is **55.5684, 58.4623, 63.6654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2696, 28.9403, 34.2331** is the 20% darker color. If you saturate the color by 10%, you get **49.1461, 47.7584, 65.6603**, and if you desaturate by 10%, it is **64.3225, 69.7362, 69.1026**.

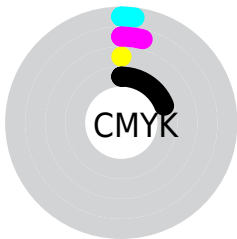
Distribution



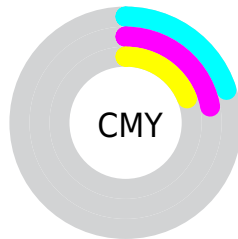
- Red (80%)
- Green (78%)
- Blue (81%)



- Red (80%)
- Yellow (78%)
- Blue (81%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3145, 58.0484, 67.2678 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 56.3145, 58.0484, 67.2678 by changing the saturation by 10% instead.

■ 56.3145, 58.0484,
67.2678

■ 56.3145, 58.0484,
67.2678

400.9315,
417.3663, 469.4248

■ 40.6931, 41.8476,
48.8393

98.6014, 101.9933,
116.9483

■ 28.2660, 28.9819,
34.1273

125.9976,
130.5062, 149.0375

■ 18.6677, 19.0672,
22.7133

158.0495,
163.8919, 186.5173

■ 11.5330, 11.7188,
14.1786

195.1225,
202.5348, 229.8063

■ 6.4965, 6.5525,
8.1048

237.5818,
246.8193, 279.3230

■ 3.1928, 3.1839,
4.0734

285.7928,

■ 1.2565, 1.2285,

297.1298, 335.4859

1.6657

340.1209,
353.8506, 398.7137

■ 0.1503, 0.0848,
0.3371

■ 0.0000, 0.0000,
0.0000

■ 56.3145, 58.0484,
67.2678

■ 56.3145, 58.0484,
67.2678

■ 49.1461, 47.7584,
65.6603

■ 64.3225, 69.7362,
69.1026

■ 42.7826, 38.8048,
64.2675

■ 73.1931, 82.8652,
71.1692

■ 37.1942, 31.1328,
63.0812

■ 80.9759, 93.5286,
72.8172

■ 32.3472, 24.6807,
62.0913

■ 84.4769, 95.3334,
72.9811

■ 28.2052, 19.3817,
61.2868

■ 88.1800, 97.2424,
73.1544

■ 24.7283, 15.1623,
60.6556

■ 88.2626, 97.2851,
73.1583

■ 21.8722, 11.9400,
60.1842

■ 19.5861, 9.6201,
59.8569

■ 17.8094, 8.0881,
59.6548

Harmonies

Analogous

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



55.4607, 58.0484, 68.4104



56.3145, 58.0484, 67.2678



56.8666, 58.0484, 65.0452

Triad

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



56.3145, 58.0484, 67.2678



55.8122, 58.0484, 58.5247



53.4222, 58.0484, 64.0302

Complementary

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



56.3145, 58.0484, 67.2678



57.2525, 61.4472, 62.8788

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.



53.5139, 58.0484, 61.3996



56.3145, 58.0484, 67.2678



54.8868, 58.0484, 58.2703

Square

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



56.3145, 58.0484, 67.2678



56.5743, 58.0484, 60.0140



54.0475, 58.0484, 59.3089



53.7956, 58.0484, 66.5069

Rectangle

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



56.3145, 58.0484, 67.2678



56.9856, 58.0484, 63.2758



54.0475, 58.0484, 59.3089



53.3998, 58.0484, 63.1340

Sweetspot

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



56.3162, 58.0509, 67.2691



93.7742, 98.1427, 108.6087



56.2053, 59.4242, 67.5400



20.0850, 21.0261, 23.2498



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.



56.3162, 58.0509, 67.2691



88.8089, 90.9435, 107.4809



57.3825, 58.6006, 67.3190



12.3335, 12.5885, 15.0234



10.7620, 4.7283, 37.5379



0.6933, 0.3116, 2.1032

Inverse Universe

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



56.9371, 58.4268, 64.7796



90.1075, 91.7295, 102.2749



56.2124, 60.9111, 62.8302



12.5360, 12.7111, 14.2116



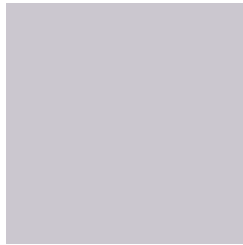
17.8200, 9.0008, 9.2243



1.0364, 0.5193, 0.7267

Previews

White Background



This preview shows how the XYZ color 56.3145, 58.0484, 67.2678 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 56.3145, 58.0484, 67.2678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

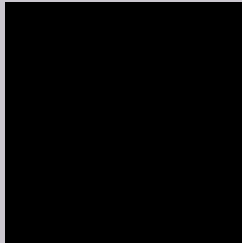
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

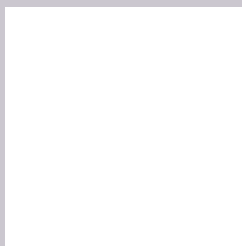
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3145, 58.0484, 67.2678

Background



This preview shows how black text looks on a background with the XYZ color 56.3145, 58.0484, 67.2678.

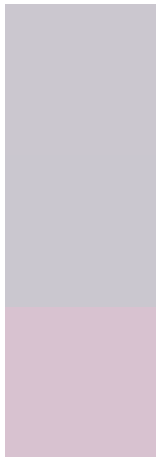


This preview shows how white text looks on a background with the XYZ color 56.3145, 58.0484,

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

56.3145, 58.0484, 67.2678

Protanopia

56.0430, 57.9084, 67.2551

Deuteranopia

58.9959, 57.7366, 67.7094



Tritanopia

57.2335, 58.0806, 71.8125

Trichromacy



Original Color

56.3145, 58.0484, 67.2678

Protanomaly

56.0430, 57.9084, 67.2551

Deuteranomaly

57.9891, 57.8828, 67.7907

Tritanomaly

56.8538, 57.9287, 69.8129

Monochromacy



Original Color

56.3145, 58.0484, 67.2678

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7909, 58.1769, 64.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3145, 58.0484, 67.2678 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, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 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(203, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.3145, 58.0484, 67.2678 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, 199, 207) }
```


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

```
.border{ border-color:rgb(203, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3145, 58.0484, 67.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 207) }
```

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

```
.background{ background-color: rgb(203,  
199, 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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