

Converting Colors

XYZ(56.3345, 58.3887, 67.9803)

Have a look what the booklet for
XYZ(56.3345, 58.3887, 67.9803)
contains.

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Color

**XYZ(56.3966, 58.4192,
67.9781)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8D0
RGB	202, 200, 208
RGB Percent	79%, 78%, 82%
CMY	0.2078, 0.2157, 0.1843
CMYK	0.03, 0.04, 0.00, 0.18
HSL	255°, 8%, 80%
HSV	255°, 4%, 82%
XYZ	56.3966, 58.4192, 67.9781
YIQ	201.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

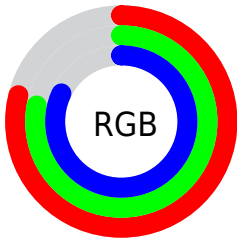
Format	Color
R _Y B	202, 200, 208
Decimal	13289680
CIE Lab	80.97, 2.17, -3.74
CIE LCh	81, 4.329, 300.142
Yxy	58.4192, 0.3085, 0.3196
Android (android.graphics.Color)	4291479760 (0xFFCAC8D0)
YUV	201.5100, 3.1996, 0.4297
Hunter-Lab	76.4325, -2.0484, 0.7709

Details

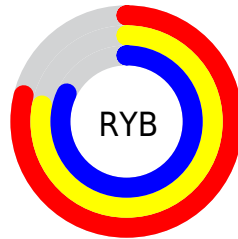
The XYZ color **56.3966, 58.4192, 67.9781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4369, 62.4052, 63.6120**, and the grayscale version is **55.8167, 58.7235, 63.9499**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3244, 29.1868, 34.7126** is the 20% darker color. If you saturate the color by 10%, you get **47.8924, 47.3651, 66.2936**, and if you desaturate by 10%, it is **65.9866, 71.0091, 69.9036**.

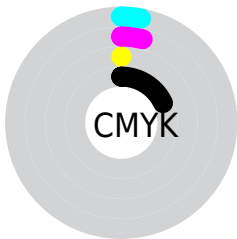
Distribution



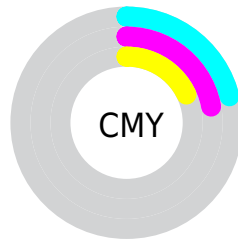
- Red (79%)
- Green (78%)
- Blue (82%)



- Red (79%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3966, 58.4192, 67.9781 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 56.3966, 58.4192, 67.9781 by changing the saturation by 10% instead.

■ 56.3966, 58.4192,
67.9781

■ 56.3966, 58.4192,
67.9781

401.2352,
418.7462, 472.0144

■ 40.7592, 42.1458,
49.4133

98.7207, 102.5331,
117.9747

■ 28.3178, 29.2154,
34.5796

126.1381,
131.1423, 150.2437

■ 18.7071, 19.2439,
23.0582

158.2129,
164.6322, 187.9178

■ 11.5616, 11.8466,
14.4308

195.3104,
203.3872, 231.4156

■ 6.5159, 6.6393,
8.2787

237.7961,
247.7917, 281.1556

■ 3.2049, 3.2376,
4.1835

286.0352,

■ 1.2630, 1.2570,

298.2301, 337.5564

1.7265

340.3931,
355.0868, 401.0364

■ 0.1553, 0.1075,
0.3788

■ 0.0000, 0.0000,
0.0000

■ 56.3966, 58.4192,
67.9781

■ 56.3966, 58.4192,
67.9781

■ 47.8924, 47.3651,
66.2936

■ 65.9866, 71.0091,
69.9036

■ 40.4300, 37.7804,
64.8368

■ 76.6942, 85.1832,
72.0752

■ 33.9699, 29.6045,
63.5992

■ 86.1481, 96.1808,
73.6996

■ 28.4679, 22.7699,
62.5700

■ 88.3853, 97.3341,
73.8043

■ 23.8766, 17.2035,
61.7376

■ 20.1441, 12.8251,
61.0891

■ 17.2132, 9.5448,
60.6105

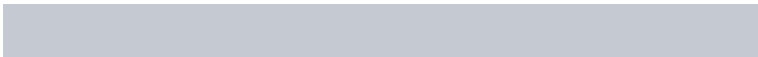
■ 15.0190, 7.2598,
60.2851

■ 13.4850, 5.8465,
60.0931

Harmonies

Analogous

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



55.5300, 58.4192, 68.6789



56.3966, 58.4192, 67.9781



57.0355, 58.4192, 66.1004

Triad

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



56.3966, 58.4192, 67.9781



56.3891, 58.4192, 59.4187



53.8182, 58.4192, 63.6209

Complementary

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



56.3966, 58.4192, 67.9781



58.4369, 62.4052, 63.6120

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.



54.0428, 58.4192, 61.1802



56.3966, 58.4192, 67.9781



55.5214, 58.4192, 58.7942

Square

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



56.3966, 58.4192, 67.9781



57.0312, 58.4192, 61.1594



54.6638, 58.4192, 59.4304



54.0470, 58.4192, 66.1223

Rectangle

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



56.3966, 58.4192, 67.9781



57.2430, 58.4192, 64.4583



54.6638, 58.4192, 59.4304



53.8431, 58.4192, 62.7664

Sweetspot

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



56.3983, 58.4217, 67.9794



93.5415, 98.0227, 108.5979



57.3100, 61.0420, 68.4371



20.0376, 21.0017, 23.2476



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.



56.3983, 58.4217, 67.9794



87.6843, 90.3638, 107.4282



57.4579, 58.9680, 68.0290



12.1586, 12.4984, 15.0153



8.0518, 3.3311, 37.4111



0.5243, 0.2244, 2.0953

Inverse Universe

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



57.8093, 59.1773, 66.7709



90.6082, 91.9298, 104.9115



57.3764, 61.8585, 63.5623



12.6140, 12.7423, 14.6223



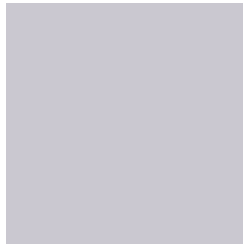
19.9960, 9.8712, 20.6829



1.1487, 0.5642, 1.3180

Previews

White Background



This preview shows how the XYZ color 56.3966, 58.4192, 67.9781 looks on a white background.

Color Contrast Check

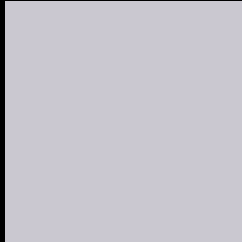
Large Text (above 18pt) WCAG AA × Fail

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 56.3966, 58.4192, 67.9781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

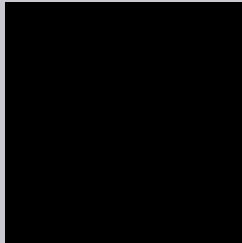
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3966, 58.4192, 67.9781

Background



This preview shows how black text looks on a background with the XYZ color 56.3966, 58.4192, 67.9781.

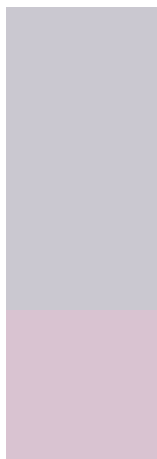


This preview shows how white text looks on a background with the XYZ color 56.3966, 58.4192,

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

56.3966, 58.4192, 67.9781

Protanopia

56.3966, 58.4192, 67.9781

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

57.3178, 58.4497, 72.5509

Trichromacy



Original Color

56.3966, 58.4192, 67.9781

Protanomaly

56.3966, 58.4192, 67.9781

Deuteranomaly

58.6263, 58.5330, 68.5297

Tritanomaly

56.9357, 58.2968, 70.5389

Monochromacy



Original Color

56.3966, 58.4192, 67.9781

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1428, 58.6895, 65.4959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3966, 58.4192, 67.9781 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, 200, 208) looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 208)  
}
```

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, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.3966, 58.4192, 67.9781 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, 200, 208) }
```


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

```
.border{ border-color:rgb(202, 200, 208) }
```

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

Here you see how a box with a 4 pixel rgb(202, 200, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 208);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3966, 58.4192, 67.9781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 208) }
```

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

```
.background{ background-color: rgb(202,  
200, 208) }
```

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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