

Converting Colors

XYZ(56.6666, 58.2156, 68.0640)

Have a look what the booklet for
XYZ(56.6666, 58.2156, 68.0640)
contains.

XYZ(56.7104, 58.2383, 67.9267)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7104, 58.2383,
67.9267)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7D0
RGB	204, 199, 208
RGB Percent	80%, 78%, 82%
CMY	0.2000, 0.2196, 0.1843
CMYK	0.02, 0.04, 0.00, 0.18
HSL	273°, 9%, 80%
HSV	273°, 4%, 82%
XYZ	56.7104, 58.2383, 67.9267
YIQ	201.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

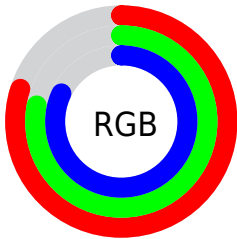
Format	Color
RYB	204, 199, 208
Decimal	13420496
CIELab	80.87, 3.38, -3.87
CIElCh	81, 5.143, 311.138
Yxy	58.2383, 0.3101, 0.3185
Android (android.graphics.Color)	4291610576 (0xFFCCC7D0)
YUV	201.5210, 3.1941, 2.1741
Hunter-Lab	76.3140, -0.9028, 0.6461

Details

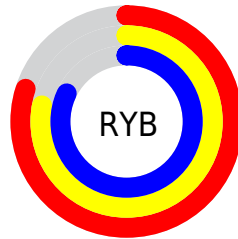
The XYZ color **56.7104, 58.2383, 67.9267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4956, 61.9334, 62.9598**, and the grayscale version is **55.8229, 58.7300, 63.9570**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5358, 29.0679, 34.6785** is the 20% darker color. If you saturate the color by 10%, you get **49.7883, 48.0457, 66.3250**, and if you desaturate by 10%, it is **64.4405, 69.8218, 69.7560**.

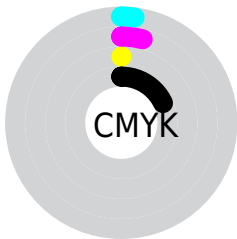
Distribution



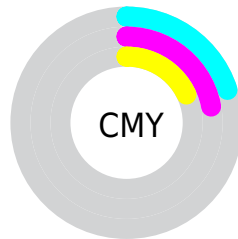
- Red (80%)
- Green (78%)
- Blue (82%)



- Red (80%)
- Yellow (78%)
- Blue (82%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7104, 58.2383, 67.9267 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 56.7104, 58.2383, 67.9267 by changing the saturation by 10% instead.

■ 56.7104, 58.2383,
67.9267

■ 56.7104, 58.2383,
67.9267

402.3950,
418.0733, 471.8273

■ 41.0120, 42.0003,
49.3718

99.1763, 102.2698,
117.9005

■ 28.5162, 29.1015,
34.5468

126.6745,
130.8320, 150.1565

■ 18.8576, 19.1576,
23.0332

158.8367,
164.2711, 187.8165

■ 11.6708, 11.7842,
14.4125

196.0283,
202.9715, 231.2992

■ 6.5905, 6.5969,
8.2661

238.6145,
247.3175, 281.0231

■ 3.2514, 3.2113,
4.1755

286.9608,

■ 1.2881, 1.2430,

297.6935, 337.4067

1.7221

341.4325,
354.4840, 400.8686

■ 0.1743, 0.0964,
0.3758

■ 0.0000, 0.0000,
0.0000

■ 56.7104, 58.2383,
67.9267

■ 56.7104, 58.2383,
67.9267

■ 49.7883, 48.0457,
66.3250

■ 64.4405, 69.8218,
69.7560

■ 43.6403, 39.1823,
64.9383

■ 73.0010, 82.8397,
71.8175

■ 38.2372, 31.5932,
63.7582

■ 80.3419, 93.1876,
73.4280

■ 33.5461, 25.2161,
62.7745

■ 83.4194, 94.7741,
73.5720

■ 29.5310, 19.9840,
61.9763

■ 86.6571, 96.4432,
73.7235

■ 26.1530, 15.8226,
61.3511

■ 88.3853, 97.3341,
73.8044

■ 23.3681, 12.6488,
60.8853

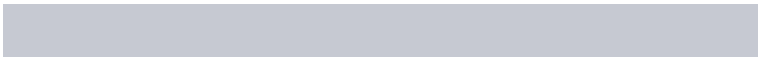
■ 21.1262, 10.3668,
60.5629

■ 19.3666, 8.8603,
60.3649

Harmonies

Analogous

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



55.7498, 58.2383, 69.3349



56.7104, 58.2383, 67.9267



57.3121, 58.2383, 65.3244

Triad

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



56.7104, 58.2383, 67.9267



56.0177, 58.2383, 58.0279



53.3709, 58.2383, 64.5500

Complementary

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



56.7104, 58.2383, 67.9267



57.4956, 61.9334, 62.9598

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.



53.4405, 58.2383, 61.5365



56.7104, 58.2383, 67.9267



54.9595, 58.2383, 57.8356

Square

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



56.7104, 58.2383, 67.9267



56.9086, 58.2383, 59.6352



54.0189, 58.2383, 59.1012



53.8275, 58.2383, 67.3442

Rectangle

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



56.7104, 58.2383, 67.9267



57.4242, 58.2383, 63.2953



54.0189, 58.2383, 59.1012



53.3337, 58.2383, 63.5281

Sweetspot

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



56.7121, 58.2408, 67.9280



93.8260, 98.1694, 108.6112



56.3084, 59.4340, 68.1796



20.0955, 21.0316, 23.2503



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.



56.7121, 58.2408, 67.9280



89.0616, 91.0738, 107.4927



57.7674, 58.7912, 67.6888



12.3728, 12.6088, 15.0253



11.6575, 5.1900, 37.5798



0.7423, 0.3369, 2.1055

Inverse Universe

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



57.2175, 58.5713, 64.7928



89.9973, 91.6855, 101.6949



56.4724, 61.3999, 63.1850



12.5188, 12.7043, 14.1213



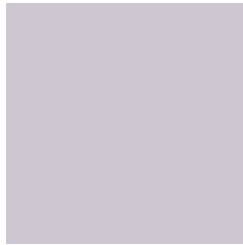
17.4767, 8.8635, 7.4163



1.0168, 0.5115, 0.6235

Previews

White Background



This preview shows how the XYZ color 56.7104, 58.2383, 67.9267 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 56.7104, 58.2383, 67.9267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

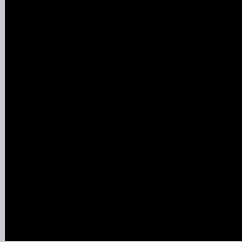
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7104, 58.2383, 67.9267

Background



This preview shows how black text looks on a background with the XYZ color 56.7104, 58.2383, 67.9267.

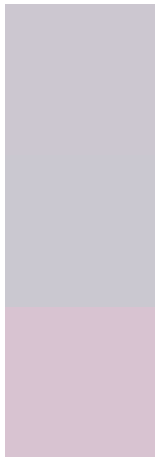


This preview shows how white text looks on a background with the XYZ color 56.7104, 58.2383,

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

56.7104, 58.2383, 67.9267

Protanopia

56.3966, 58.4192, 67.9781

Deuteranopia

59.3426, 58.2326, 68.4339



Tritanopia

57.5085, 58.2223, 71.8253

Trichromacy



Original Color

56.7104, 58.2383, 67.9267

Protanomaly

56.6680, 58.5591, 67.9908

Deuteranomaly

58.3999, 58.0804, 68.4542

Tritanomaly

57.2546, 58.1208, 70.4881

Monochromacy



Original Color

56.7104, 58.2383, 67.9267

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4143, 58.8294, 65.5086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7104, 58.2383, 67.9267 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(204, 199, 208) looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 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(204, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.7104, 58.2383, 67.9267 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(204, 199, 208) }
```


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

```
.border{ border-color:rgb(204, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7104, 58.2383, 67.9267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 208) }
```

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

```
.background{ background-color: rgb(204,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor