

Converting Colors

XYZ(57.7330, 58.9076, 67.4136)

Have a look what the booklet for
XYZ(57.7330, 58.9076, 67.4136)
contains.

XYZ(57.6983, 58.7617, 67.3326)	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(57.6983, 58.7617,
67.3326)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7CF
RGB	208, 199, 207
RGB Percent	82%, 78%, 81%
CMY	0.1843, 0.2196, 0.1882
CMYK	0.00, 0.04, 0.00, 0.18
HSL	307°, 9%, 80%
HSV	307°, 4%, 82%
XYZ	57.6983, 58.7617, 67.3326
YIQ	202.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

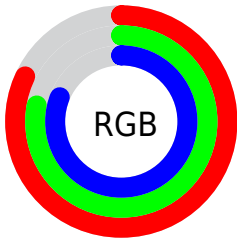
Format	Color
RYB	208, 199, 207
Decimal	13682639
CIELab	81.16, 4.57, -2.88
CIELCh	81, 5.396, 327.807
Yxy	58.7617, 0.3139, 0.3197
Android (android.graphics.Color)	4291872719 (0xFFD0C7CF)
YUV	202.6030, 2.1677, 4.7332
Hunter-Lab	76.6562, 0.2068, 1.5807

Details

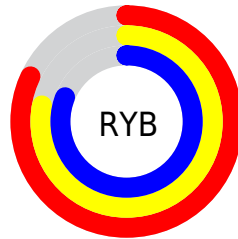
The XYZ color **57.6983, 58.7617, 67.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5366, 61.4255, 63.5230**, and the grayscale version is **56.5029, 59.4454, 64.7361**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2016, 29.4207, 34.2767** is the 20% darker color. If you saturate the color by 10%, you get **52.9559, 49.7252, 64.3681**, and if you desaturate by 10%, it is **63.1023, 69.1132, 70.5395**.

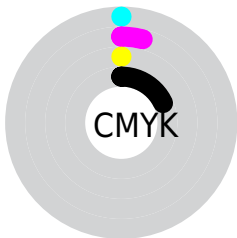
Distribution



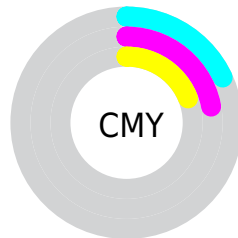
- Red (82%)
- Green (78%)
- Blue (81%)



- Red (82%)
- Yellow (78%)
- Blue (81%)



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



- Cyan (18%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6983, 58.7617, 67.3326 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 57.6983, 58.7617, 67.3326 by changing the saturation by 10% instead.

■ 57.6983, 58.7617,
67.3326

■ 57.6983, 58.7617,
67.3326

406.0328,
420.0182, 469.6614

■ 41.8085, 42.4213,
48.8917

100.6089,
103.0312, 117.0420

■ 29.1418, 29.4313,
34.1686

128.3603,
131.7292, 149.1476

■ 19.3329, 19.4074,
22.7447

160.7964,
165.3151, 186.6452

■ 12.0165, 11.9650,
14.2016

198.2824,
204.1734, 229.9533

■ 6.8272, 6.7198,
8.1207

241.1836,
248.6885, 279.4904

■ 3.3996, 3.2875,
4.0834

289.8656,

■ 1.3685, 1.2836,

299.2447, 335.6751

1.6712

344.6935,
356.2265, 398.9259

■ 0.2336, 0.1285,
0.3409

■ 0.0000, 0.0000,
0.0000

■ 57.6983, 58.7617,
67.3326

■ 57.6983, 58.7617,
67.3326

■ 52.9559, 49.7252,
64.3681

■ 63.1023, 69.1132,
70.5395

■ 48.8438, 41.9434,
61.6334

■ 69.1877, 80.8217,
73.9932

■ 45.3353, 35.3624,
59.1201

■ 73.9023, 89.7819,
77.0107

■ 42.4003, 29.9217,
56.8181

■ 74.1997, 89.9008,
78.5764

40.0058, 25.5554,
54.7164

74.5012, 90.0214,
80.1642

38.1154, 22.1910,
52.8027

74.8069, 90.1437,
81.7743

36.6884, 19.7469,
51.0633

75.1169, 90.2677,
83.4068

35.6775, 18.1287,
49.4825

75.4312, 90.3935,
85.0616

35.0255, 17.2217,
48.0410

75.7497, 90.5209,
86.7390

Harmonies

Analogous

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



56.8645, 58.7617, 69.6080



57.6983, 58.7617, 67.3326



58.0365, 58.7617, 64.2184

Triad

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



57.6983, 58.7617, 67.3326



55.9339, 58.7617, 57.9996



53.9632, 58.7617, 66.9095

Complementary

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



57.6983, 58.7617, 67.3326



56.5366, 61.4255, 63.5230

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.



53.7215, 58.7617, 63.7452



57.6983, 58.7617, 67.3326



54.8501, 58.7617, 58.6667

Square

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



57.6983, 58.7617, 67.3326



57.0094, 58.7617, 58.8903



54.0440, 58.7617, 60.7435



54.7089, 58.7617, 69.3580

Rectangle

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



57.6983, 58.7617, 67.3326



57.9321, 58.7617, 62.1092



54.0440, 58.7617, 60.7435



53.8208, 58.7617, 65.8911

Sweetspot

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



57.7000, 58.7642, 67.3339



94.1963, 98.3655, 108.3905



55.6038, 57.6694, 67.8760



20.1709, 21.0715, 23.2054



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.



57.7000, 58.7642, 67.3339



90.8892, 92.0422, 106.3916



57.1696, 58.5521, 64.5410



12.6578, 12.7599, 14.8533



21.6848, 10.5468, 29.5759



1.2290, 0.5963, 1.7407

Inverse Universe

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



57.7000, 58.7642, 67.3339



90.8892, 92.0422, 106.3916



57.0581, 61.6341, 66.2696



12.6578, 12.7599, 14.8533



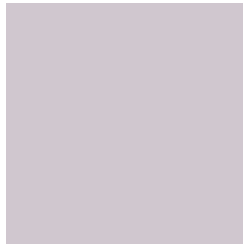
21.6848, 10.5468, 29.5759



1.2290, 0.5963, 1.7407

Previews

White Background



This preview shows how the XYZ color 57.6983, 58.7617, 67.3326 looks on a white background.

Color Contrast Check

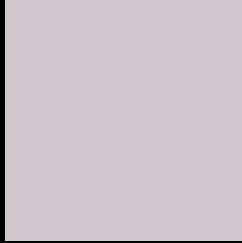
Large Text (above 18pt) WCAG AA × Fail

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 57.6983, 58.7617, 67.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

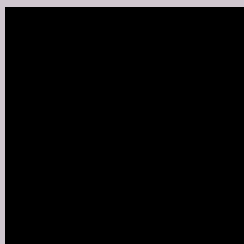
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6983, 58.7617, 67.3326

Background



This preview shows how black text looks on a background with the XYZ color 57.6983, 58.7617, 67.3326.



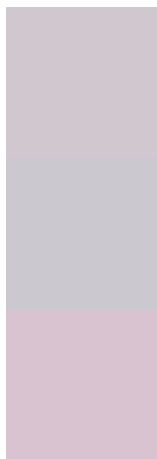
This preview shows how white text looks on a background with the XYZ color 57.6983, 58.7617,

67.3326.

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

57.6983, 58.7617, 67.3326

Protanopia

56.6680, 58.5591, 67.9908

Deuteranopia

59.8137, 58.4897, 67.8116



Tritanopia

58.6262, 58.7985, 71.8776

Trichromacy



Original Color

57.6983, 58.7617, 67.3326

Protanomaly

57.2163, 58.8418, 68.0165

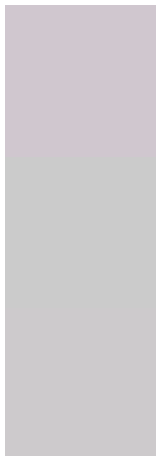
Deuteranomaly

58.8566, 58.3301, 67.8313

Tritanomaly

58.2465, 58.6466, 69.8780

Monochromacy



Original Color

57.6983, 58.7617, 67.3326

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1965, 59.5798, 65.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6983, 58.7617, 67.3326 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, 199, 207) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.6983, 58.7617, 67.3326 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, 199, 207) }
```


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

```
.border{ border-color:rgb(208, 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(208, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6983, 58.7617, 67.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 207) }
```

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

```
.background{ background-color: rgb(208,  
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](#).

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