

Converting Colors

XYZ(58.3663, 57.1653, 67.1212)

Have a look what the booklet for
XYZ(58.3663, 57.1653, 67.1212)
contains.

XYZ(58.3568, 57.0920, 66.9756)	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(58.3568, 57.0920,
66.9756)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1CF
RGB	215, 193, 207
RGB Percent	84%, 76%, 81%
CMY	0.1569, 0.2431, 0.1882
CMYK	0.00, 0.10, 0.04, 0.16
HSL	322°, 22%, 80%
HSV	322°, 10%, 84%
XYZ	58.3568, 57.0920, 66.9756
YIQ	201.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

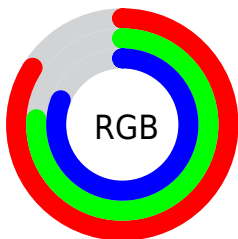
Format	Color
R _Y B	215, 193, 207
Decimal	14139855
CIE Lab	80.23, 10.18, -4.18
CIE LCh	80, 10.999, 337.691
Yxy	57.0920, 0.3199, 0.3130
Android (android.graphics.Color)	4292329935 (0xFFD7C1CF)
YUV	201.1740, 2.8722, 12.1254
Hunter-Lab	75.5592, 5.6325, 0.3369

Details

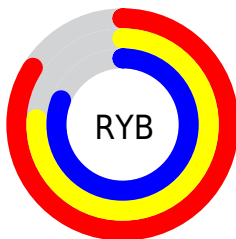
The XYZ color **58.3568, 57.0920, 66.9756** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8376, 64.1570, 64.6493**, and the grayscale version is **55.6056, 58.5014, 63.7081**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.4796, 28.2387, 34.0339** is the 20% darker color. If you saturate the color by 10%, you get **53.0131, 47.8962, 60.5943**, and if you desaturate by 10%, it is **64.4421, 67.6936, 73.8391**.

Distribution



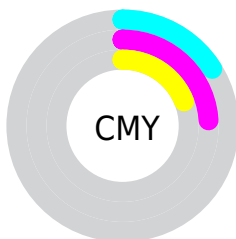
- Red (84%)
- Green (76%)
- Blue (81%)



- Red (84%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3568, 57.0920, 66.9756 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 58.3568, 57.0920, 66.9756 by changing the saturation by 10% instead.

■ 58.3568, 57.0920,
66.9756

■ 58.3568, 57.0920,
66.9756

408.4466,
413.7940, 468.3570

■ 42.3399, 41.0791,
48.6033

□ 101.5622,
100.5994, 116.5258

■ 29.5598, 28.3809,
33.9415

129.4815,
128.8627, 148.5407

■ 19.6511, 18.6130,
22.5717

162.0990,
161.9783, 185.9404

■ 12.2485, 11.3910,
14.0753

199.7800,
200.3305, 229.1432

■ 6.9866, 6.3305,
8.0337

242.8899,
244.3038, 278.5677

■ 3.4999, 3.0470,
4.0284

291.7941,

■ 1.4233, 1.1563,

294.2826, 334.6325

1.6409

346.8579,
350.6511, 397.7561

■ 0.2728, 0.0256,
0.3198

■ 0.0000, 0.0000,
0.0000

■ 58.3568, 57.0920,
66.9756

■ 58.3568, 57.0920,
66.9756

■ 53.0131, 47.8962,
60.5943

■ 64.4421, 67.6936,
73.8391

■ 48.3757, 40.0390,
54.6780

■ 71.2925, 79.7496,
81.1938

■ 44.4137, 33.4591,
49.2138

■ 78.1324, 91.7063,
88.7852

■ 41.0920, 28.0872,
44.1863

■ 79.2585, 92.1568,
94.7151

■ 38.3720, 23.8475,
39.5792

■ 80.4345, 92.6272,
100.9081

■ 36.2109, 20.6555,
35.3745

■ 81.6611, 93.1178,
107.3673

■ 34.5598, 18.4149,
31.5523

■ 81.8347, 93.1873,
108.2815

■ 33.3611, 17.0110,
28.0892

■ 32.5261, 16.2478,
25.0157

Harmonies

Analogous

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



56.9466, 57.0920, 72.4689



58.3568, 57.0920, 66.9756



58.6557, 57.0920, 60.5234

Triad

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



58.3568, 57.0920, 66.9756



53.6885, 57.0920, 50.6988



50.9194, 57.0920, 70.0330

Complementary

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



58.3568, 57.0920, 66.9756



56.8376, 64.1570, 64.6493

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.



50.0976, 57.0920, 63.8329



58.3568, 57.0920, 66.9756



51.6674, 57.0920, 52.8845

Square

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



58.3568, 57.0920, 66.9756



55.9195, 57.0920, 51.4127



50.3676, 57.0920, 57.5876



52.6420, 57.0920, 74.3172

Rectangle

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



58.3568, 57.0920, 66.9756



58.1771, 57.0920, 56.5933



50.3676, 57.0920, 57.5876



50.5308, 57.0920, 68.0876

Sweetspot

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



58.3584, 57.0945, 66.9768



92.2131, 95.0379, 105.7604



55.3448, 55.4250, 72.0720



19.5788, 20.0652, 22.4599



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.



58.3584, 57.0945, 66.9768



84.3128, 81.3104, 96.7358



57.0943, 56.5888, 60.3200



12.7525, 12.5525, 14.6367



19.5068, 9.7390, 15.2385



1.2157, 0.6030, 1.1250

Inverse Universe

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



58.3584, 57.0945, 66.9768



84.3128, 81.3104, 96.7358



58.1405, 64.6781, 71.5102



12.7525, 12.5525, 14.6367



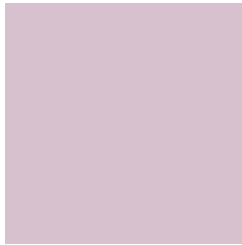
19.5068, 9.7390, 15.2385



1.2157, 0.6030, 1.1250

Previews

White Background



This preview shows how the XYZ color 58.3568, 57.0920, 66.9756 looks on a white background.

Color Contrast Check

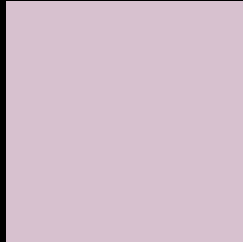
Large Text (above 18pt) WCAG AA × Fail

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 58.3568, 57.0920, 66.9756 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 58.3568, 57.0920, 66.9756

Background



This preview shows how black text looks on a background with the XYZ color 58.3568, 57.0920, 66.9756.

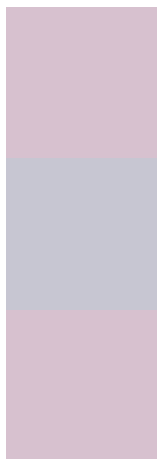


This preview shows how white text looks on a background with the XYZ color 58.3568, 57.0920,

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

58.3568, 57.0920, 66.9756

Protanopia

55.3801, 57.1834, 69.0914

Deuteranopia

58.3568, 57.0920, 66.9756



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

58.3568, 57.0920, 66.9756

Protanomaly

56.4254, 57.0624, 68.3618

Deuteranomaly

58.3568, 57.0920, 66.9756

Tritanomaly

58.4795, 57.1411, 67.6216

Monochromacy



Original Color

58.3568, 57.0920, 66.9756

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.4272, 57.8218, 64.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3568, 57.0920, 66.9756 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(215, 193, 207)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 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(215, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.3568, 57.0920, 66.9756 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(215, 193, 207) }
```


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

```
.border{ border-color:rgb(215, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3568, 57.0920, 66.9756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 207) }
```

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

```
.background{ background-color: rgb(215,  
193, 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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