

Converting Colors

XYZ(58.5832, 57.8092, 70.9715)

Have a look what the booklet for
XYZ(58.5832, 57.8092, 70.9715)
contains.

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Color

**XYZ(58.6767, 57.8314,
71.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C3D5
RGB	212, 195, 213
RGB Percent	83%, 76%, 84%
CMY	0.1686, 0.2353, 0.1647
CMYK	0.00, 0.08, 0.00, 0.16
HSL	297°, 18%, 80%
HSV	297°, 8%, 84%
XYZ	58.6767, 57.8314, 71.0208
YIQ	202.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

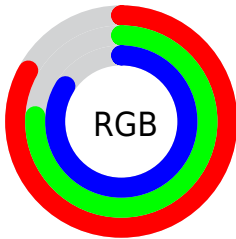
Format	Color
R _Y B	212, 195, 213
Decimal	13943765
CIE Lab	80.64, 9.17, -6.82
CIE LCh	81, 11.426, 323.356
Yxy	57.8314, 0.3129, 0.3084
Android (android.graphics.Color)	4292133845 (0xFFD4C3D5)
YUV	202.1350, 5.3564, 8.6516
Hunter-Lab	76.0470, 4.6458, -2.1385

Details

The XYZ color **58.6767, 57.8314, 71.0208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4118, 63.2660, 60.8711**, and the grayscale version is **56.1904, 59.1167, 64.3781**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.6011, 28.6865, 36.3247** is the 20% darker color. If you saturate the color by 10%, you get **53.9012, 48.7843, 69.5271**, and if you desaturate by 10%, it is **64.1388, 68.2463, 72.7441**.

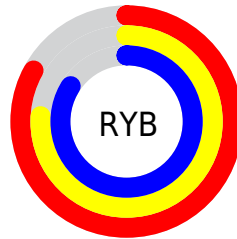
Distribution



Red (83%)

Green (76%)

Blue (84%)



Red (83%)

Yellow (76%)

Blue (84%)

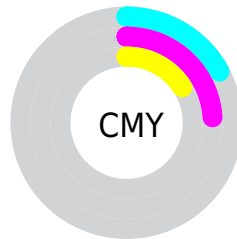


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (16%)



Cyan (17%)

Magenta (24%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6767, 57.8314, 71.0208 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 58.6767, 57.8314, 71.0208 by changing the saturation by 10% instead.

■ 58.6767, 57.8314,
71.0208

■ 58.6767, 57.8314,
71.0208

409.6161,
416.5574, 483.0118

■ 42.5983, 41.6731,
51.8772

□ 102.0250,
101.6773, 122.3581

■ 29.7632, 28.8454,
36.5257

130.0255,
130.1337, 155.3889

■ 19.8061, 18.9639,
24.5475

162.7308,
163.4583, 193.8858

■ 12.3616, 11.6442,
15.5243

200.5062,
202.0354, 238.2674

■ 7.0644, 6.5019,
9.0375

243.7171,
246.2495, 288.9523

■ 3.5491, 3.1526,
4.6685

292.7288,

■ 1.4504, 1.2119,

296.4849, 346.3590

1.9988

347.9067,
353.1261, 410.9059

■ 0.2917, 0.0714,
0.5545

■ 0.0000, 0.0000,
0.0000

■ 58.6767, 57.8314,
71.0208

■ 58.6767, 57.8314,
71.0208

■ 53.9012, 48.7843,
69.5271

■ 64.1388, 68.2463,
72.7441

■ 49.7786, 41.0402,
68.2496

■ 70.3095, 80.0754,
74.7021

■ 46.2799, 34.5401,
67.1794

■ 75.9573, 90.8550,
76.4851

■ 43.3718, 29.2177,
66.3053

■ 76.3073, 91.0355,
76.5015

41.0182, 25.0003,
65.6153

76.6599, 91.2173,
76.5180

39.1786, 21.8075,
65.0960

77.0151, 91.4003,
76.5346

37.8074, 19.5478,
64.7321

77.3727, 91.5847,
76.5513

36.8507, 18.1134,
64.5057

77.7329, 91.7704,
76.5682

36.2271, 17.3416,
64.3896

78.0957, 91.9574,
76.5852

Harmonies

Analogous

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



56.7798, 57.8314, 75.6256



58.6767, 57.8314, 71.0208



59.5833, 57.8314, 64.4792

Triad

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



58.6767, 57.8314, 71.0208



55.4920, 57.8314, 50.9580



50.9182, 57.8314, 68.2450

Complementary

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



58.6767, 57.8314, 71.0208



56.4118, 63.2660, 60.8711

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.



50.5955, 57.8314, 61.4817



58.6767, 57.8314, 71.0208



53.1932, 57.8314, 51.8090

Square

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



58.6767, 57.8314, 71.0208



57.7111, 57.8314, 53.1361



51.4171, 57.8314, 55.5492



52.3114, 57.8314, 73.9448

Rectangle

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



58.6767, 57.8314, 71.0208



59.4864, 57.8314, 60.0233



51.4171, 57.8314, 55.5492



50.6826, 57.8314, 66.0087

Sweetspot

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



58.6784, 57.8339, 71.0221



92.5017, 95.1353, 108.0953



54.3036, 55.9793, 70.8947



19.6569, 20.0916, 23.0920



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.



58.6784, 57.8339, 71.0221



86.9284, 84.5279, 106.3416



58.0012, 57.5964, 65.9464



12.8817, 12.5959, 15.6898



22.1060, 10.5486, 39.3241



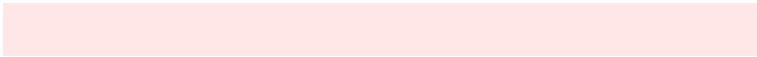
1.3546, 0.6472, 2.3728

Inverse Universe

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



56.9216, 57.1646, 60.2615



83.8100, 83.3406, 87.2091



57.0577, 63.4944, 65.6256



12.4510, 12.4319, 13.0490



16.8139, 8.6619, 1.0584



1.0242, 0.5265, 0.1168

Previews

White Background



This preview shows how the XYZ color 58.6767, 57.8314, 71.0208 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 58.6767, 57.8314, 71.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

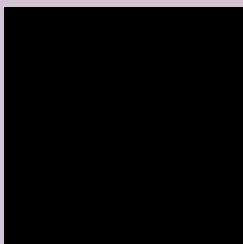
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

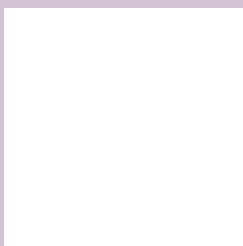
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6767, 57.8314, 71.0208

Background



This preview shows how black text looks on a background with the XYZ color 58.6767, 57.8314, 71.0208.



This preview shows how white text looks on a background with the XYZ color 58.6767, 57.8314,

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

58.6767, 57.8314, 71.0208

Protanopia

56.2424, 57.8953, 72.5006

Deuteranopia

59.0336, 57.6838, 70.9735



Tritanopia

58.4244, 57.7304, 69.6918

Trichromacy



Original Color

58.6767, 57.8314, 71.0208

Protanomaly

57.2335, 58.0806, 71.8125

Deuteranomaly

58.7426, 57.5338, 70.9599

Tritanomaly

58.5501, 57.7807, 70.3542

Monochromacy



Original Color

58.6767, 57.8314, 71.0208

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0176, 58.4249, 66.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6767, 57.8314, 71.0208 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(212, 195, 213) looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 213)  
}
```

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(212, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.6767, 57.8314, 71.0208 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(212, 195, 213) }
```


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

```
.border{ border-color:rgb(212, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6767, 57.8314, 71.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 213) }
```

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

```
.background{ background-color: rgb(212,  
195, 213) }
```

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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