

Converting Colors

XYZ(58.9043, 57.4209, 70.0098)

Have a look what the booklet for
XYZ(58.9043, 57.4209, 70.0098)
contains.

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Color

**XYZ(58.9780, 57.3405,
70.2467)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1D4
RGB	215, 193, 212
RGB Percent	84%, 76%, 83%
CMY	0.1569, 0.2431, 0.1686
CMYK	0.00, 0.10, 0.01, 0.16
HSL	308°, 22%, 80%
HSV	308°, 10%, 84%
XYZ	58.9780, 57.3405, 70.2467
YIQ	201.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

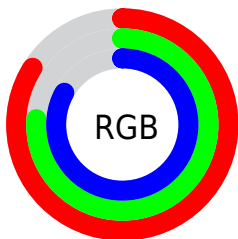
Format	Color
RYB	215, 193, 212
Decimal	14139860
CIELab	80.37, 11.08, -6.66
CIELCh	80, 12.926, 328.985
Yxy	57.3405, 0.3161, 0.3073
Android (android.graphics.Color)	4292329940 (0xFFD7C1D4)
YUV	201.7440, 5.0562, 11.6255
Hunter-Lab	75.7235, 6.5103, -1.9953

Details

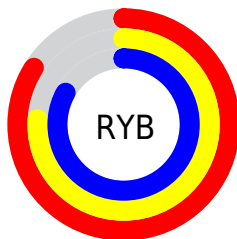
The XYZ color **58.9780, 57.3405, 70.2467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2588, 63.9255, 61.6014**, and the grayscale version is **55.9474, 58.8610, 64.0996**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.8156, 28.3731, 35.8034** is the 20% darker color. If you saturate the color by 10%, you get **54.2004, 48.3711, 66.8461**, and if you desaturate by 10%, it is **64.4566, 67.6994, 73.9154**.

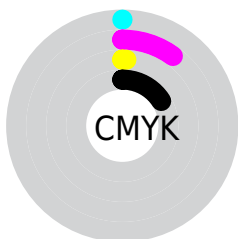
Distribution



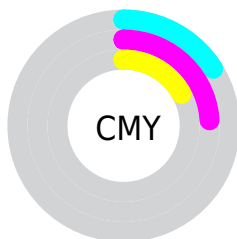
- Red (84%)
- Green (76%)
- Blue (83%)



- Red (84%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9780, 57.3405, 70.2467 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 58.9780, 57.3405, 70.2467 by changing the saturation by 10% instead.

■ 58.9780, 57.3405,
70.2467

■ 58.9780, 57.3405,
70.2467

410.7157,
414.7240, 480.2282

■ 42.8417, 41.2787,
51.2496

■ 102.4605,
100.9619, 121.2449

■ 29.9549, 28.5369,
36.0292

130.5374,
129.2902, 154.0831

■ 19.9523, 18.7308,
24.1669

163.3253,
162.4761, 192.3722

■ 12.4684, 11.4759,
15.2441

201.1894,
200.9041, 236.5305

■ 7.1380, 6.3879,
8.8424

244.4951,
244.9584, 286.9768

■ 3.5956, 3.0824,
4.5431

293.6079,

■ 1.4760, 1.1749,

295.0236, 344.1295

1.9278

348.8930,
351.4840, 408.4071

■ 0.3094, 0.0410,
0.5103

■ 0.0000, 0.0000,
0.0000

■ 58.9780, 57.3405,
70.2467

■ 58.9780, 57.3405,
70.2467

■ 54.2004, 48.3711,
66.8461

■ 64.4566, 67.6994,
73.9154

■ 50.0890, 40.7244,
63.7000

■ 70.6591, 79.4962,
77.8581

■ 46.6137, 34.3391,
60.7986

■ 76.8091, 91.1770,
81.8168

■ 43.7400, 29.1464,
58.1304

■ 77.2029, 91.3345,
83.8904

41.4300, 25.0708,
55.6826

77.6035, 91.4948,
86.0001

39.6417, 22.0279,
53.4410

78.0110, 91.6578,
88.1461

38.3269, 19.9217,
51.3893

78.4255, 91.8236,
90.3286

37.4286, 18.6380,
49.5083

78.8469, 91.9921,
92.5477

36.8533, 17.9787,
47.8021

79.2753, 92.1635,
94.8036

Harmonies

Analogous

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



57.0031, 57.3405, 76.0666



58.9780, 57.3405, 70.2467



59.7472, 57.3405, 62.6925

Triad

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



58.9780, 57.3405, 70.2467



54.5906, 57.3405, 48.9695



50.1701, 57.3405, 69.7642

Complementary

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



58.9780, 57.3405, 70.2467



56.2588, 63.9255, 61.6014

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.



49.5702, 57.3405, 62.1763



58.9780, 57.3405, 70.2467



52.0720, 57.3405, 50.5361

Square

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



58.9780, 57.3405, 70.2467



57.1641, 57.3405, 50.7606



50.2554, 57.3405, 55.2233



51.9208, 57.3405, 75.7726

Rectangle

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



58.9780, 57.3405, 70.2467



59.4543, 57.3405, 57.8129



50.2554, 57.3405, 55.2233



49.8297, 57.3405, 67.2951

Sweetspot

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



58.9797, 57.3430, 70.2479



92.4903, 95.1488, 107.2203



54.0858, 54.7760, 72.0132



19.6538, 20.0952, 22.8548



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.



58.9797, 57.3430, 70.2479



85.3885, 81.7407, 102.4004



57.6467, 56.8098, 63.2289



12.8768, 12.6022, 15.2913



22.0714, 10.7649, 28.7439



1.3518, 0.6575, 1.8421

Inverse Universe

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



58.9797, 57.3430, 70.2479



85.3885, 81.7407, 102.4004



57.5491, 64.4416, 68.3959



12.8768, 12.6022, 15.2913



22.0714, 10.7649, 28.7439



1.3518, 0.6575, 1.8421

Previews

White Background



This preview shows how the XYZ color 58.9780, 57.3405, 70.2467 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 58.9780, 57.3405, 70.2467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

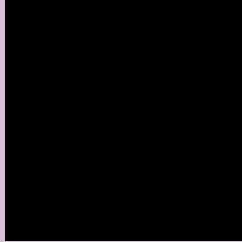
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9780, 57.3405, 70.2467

Background



This preview shows how black text looks on a background with the XYZ color 58.9780, 57.3405, 70.2467.



This preview shows how white text looks on a background with the XYZ color 58.9780, 57.3405,

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

58.9780, 57.3405, 70.2467

Protanopia

55.7485, 57.3002, 72.4118

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

58.8247, 57.6341, 68.3457

Trichromacy



Original Color

58.9780, 57.3405, 70.2467

Protanomaly

56.7794, 57.1723, 71.6611

Deuteranomaly

58.9070, 57.6332, 70.3069

Tritanomaly

58.9490, 57.6838, 68.9999

Monochromacy



Original Color

58.9780, 57.3405, 70.2467

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2961, 58.5685, 66.6775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9780, 57.3405, 70.2467 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.9780, 57.3405, 70.2467 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, 212) }
```


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

```
.border{ border-color:rgb(215, 193, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9780, 57.3405, 70.2467 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, 212) }
```

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

```
.background{ background-color: rgb(215,  
193, 212) }
```

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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