

Converting Colors

XYZ(57.2209, 54.3606, 69.8544)

Have a look what the booklet for
XYZ(57.2209, 54.3606, 69.8544)
contains.

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Color

**XYZ(57.3855, 54.5903,
69.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	D6BBD4
RGB	214, 187, 212
RGB Percent	84%, 73%, 83%
CMY	0.1608, 0.2666, 0.1686
CMYK	0.00, 0.13, 0.01, 0.16
HSL	304°, 25%, 79%
HSV	304°, 13%, 84%
XYZ	57.3855, 54.5903, 69.7998
YIQ	197.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

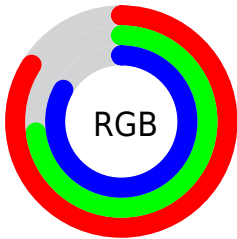
Format	Color
R _Y B	214, 187, 212
Decimal	14072788
CIE Lab	78.80, 13.95, -8.99
CIE LCh	79, 16.601, 327.200
Yxy	54.5903, 0.3157, 0.3003
Android (android.graphics.Color)	4292262868 (0xFFD6BBD4)
YUV	197.9230, 6.9400, 14.0995
Hunter-Lab	73.8852, 9.3389, -4.2919

Details

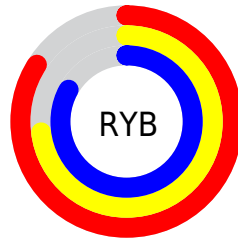
The XYZ color **57.3855, 54.5903, 69.7998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7275, 62.3335, 57.3468**, and the grayscale version is **53.5869, 56.3776, 61.3952**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **28.9090, 26.8554, 35.5582** is the 20% darker color. If you saturate the color by 10%, you get **52.9812, 46.0993, 67.3504**, and if you desaturate by 10%, it is **62.4715, 64.4399, 72.4874**.

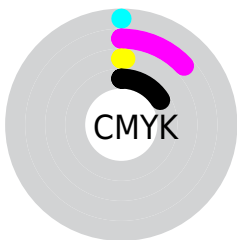
Distribution



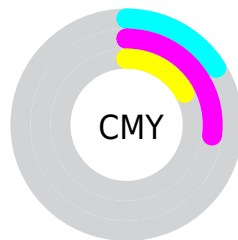
- Red (84%)
- Green (73%)
- Blue (83%)



- Red (84%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3855, 54.5903, 69.7998 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 57.3855, 54.5903, 69.7998 by changing the saturation by 10% instead.

 57.3855, 54.5903,
69.7998

 57.3855, 54.5903,
69.7998


404.8831,
404.3570, 478.6169

 41.5562, 39.0738,
50.8875

 100.1556, 96.9404,
120.6016

 28.9435, 26.8171,
35.7430


127.8270,
124.5428, 153.3283

 19.1822, 17.4359,
23.9477


160.1766,
156.9427, 191.4969

 11.9068, 10.5458,
15.0830

197.5696,
194.5243, 235.5259

 6.7520, 5.7623,
8.7304

240.3714,
237.6722, 285.8338

 3.3524, 2.7011,
4.4713

288.9473,

 1.3428, 0.9777,

286.7707, 342.8393

1.8873

343.6628,
342.2041, 406.9608

■ 0.2149, 0.0000,
0.4846

■ 0.0000, 0.0000,
0.0000

■ 57.3855, 54.5903,
69.7998

■ 57.3855, 54.5903,
69.7998

■ 52.9812, 46.0993,
67.3504

■ 62.4715, 64.4399,
72.4874

■ 49.2239, 38.9000,
65.1258

■ 68.2624, 75.6968,
75.4189

■ 46.0831, 32.9309,
63.1163

■ 74.7861, 88.4162,
78.6045

■ 43.5243, 28.1222,
61.3104

■ 76.1916, 90.8962,
80.0938

41.5089, 24.3975,
59.6952

76.4006, 90.9798,
81.1941

39.9943, 21.6712,
58.2565

76.6115, 91.0641,
82.3048

38.9312, 19.8447,
56.9778

76.8244, 91.1493,
83.4261

38.2601, 18.7995,
55.8393

77.0393, 91.2353,
84.5578

37.9420, 18.3804,
55.0637

77.2563, 91.3221,
85.7002

Harmonies

Analogous

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



54.8310, 54.5903, 77.0462



57.3855, 54.5903, 69.7998



58.4623, 54.5903, 60.3286

Triad

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



57.3855, 54.5903, 69.7998



52.1960, 54.5903, 43.1236



46.4628, 54.5903, 68.1081

Complementary

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



57.3855, 54.5903, 69.7998



53.7275, 62.3335, 57.3468

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.



45.8231, 54.5903, 58.5593



57.3855, 54.5903, 69.7998



49.0492, 54.5903, 44.7430

Square

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



57.3855, 54.5903, 69.7998



55.3880, 54.5903, 45.4790



46.7504, 54.5903, 50.1588



48.5357, 54.5903, 75.9993

Rectangle

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



57.3855, 54.5903, 69.7998



58.1648, 54.5903, 54.2433



46.7504, 54.5903, 50.1588



46.0770, 54.5903, 64.9575

Sweetspot

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



57.3871, 54.5927, 69.8010



91.7605, 93.6153, 107.2045



50.8470, 51.1918, 70.8201



19.5122, 19.7887, 22.8794



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.



57.3871, 54.5927, 69.8010



83.5856, 77.7958, 102.8445



55.7777, 53.9489, 61.3258



12.9115, 12.6161, 15.4741



22.9502, 11.1164, 33.3713



1.3964, 0.6753, 2.0766

Inverse Universe

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



57.3871, 54.5927, 69.8010



83.5856, 77.7958, 102.8445



55.2382, 62.9377, 65.3021



12.9115, 12.6161, 15.4741



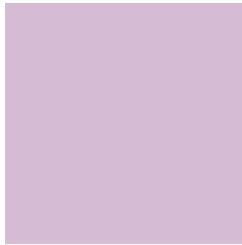
22.9502, 11.1164, 33.3713



1.3964, 0.6753, 2.0766

Previews

White Background



This preview shows how the XYZ color 57.3855, 54.5903, 69.7998 looks on a white background.

Color Contrast Check

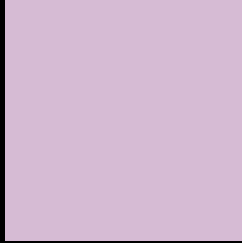
Large Text (above 18pt) WCAG AA × Fail

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 57.3855, 54.5903, 69.7998 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 57.3855, 54.5903, 69.7998

Background



This preview shows how black text looks on a background with the XYZ color 57.3855, 54.5903, 69.7998.



This preview shows how white text looks on a background with the XYZ color 57.3855, 54.5903,

69.7998.

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

57.3855, 54.5903, 69.7998

Protanopia

53.4247, 54.7479, 72.7174

Deuteranopia

55.9035, 54.7955, 69.2582



Tritanopia

56.2033, 54.4244, 64.0426

Trichromacy



Original Color

57.3855, 54.5903, 69.7998

Protanomaly

54.7160, 54.4473, 71.9155

Deuteranomaly

56.5338, 54.8000, 69.2258

Tritanomaly

56.5644, 54.5688, 65.9441

Monochromacy



Original Color

57.3855, 54.5903, 69.7998

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.9731, 55.7327, 64.3600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3855, 54.5903, 69.7998 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(214, 187, 212) looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 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(214, 187, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 212) }
```

Border

The CSS property to change the border of an element to XYZ 57.3855, 54.5903, 69.7998 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(214, 187, 212) }
```


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

```
.border{ border-color:rgb(214, 187, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 212);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3855, 54.5903, 69.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 212) }
```

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

```
.background{ background-color: rgb(214,  
187, 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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