

Converting Colors

XYZ(58.8023, 54.9125, 69.9498)

Have a look what the booklet for
XYZ(58.8023, 54.9125, 69.9498)
contains.

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Color

**XYZ(58.9578, 55.0869,
69.8128)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBAD4
RGB	220, 186, 212
RGB Percent	86%, 73%, 83%
CMY	0.1372, 0.2706, 0.1686
CMYK	0.00, 0.15, 0.04, 0.14
HSL	314°, 33%, 80%
HSV	314°, 15%, 86%
XYZ	58.9578, 55.0869, 69.8128
YIQ	199.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

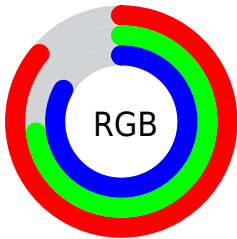
Format	Color
R _Y B	220, 186, 212
Decimal	14465748
CIE Lab	79.09, 16.54, -8.51
CIE LCh	79, 18.604, 332.781
Yxy	55.0869, 0.3207, 0.2996
Android (android.graphics.Color)	4292655828 (0xFFDCBAD4)
YUV	199.1300, 6.3449, 18.3030
Hunter-Lab	74.2205, 11.9072, -3.8145

Details

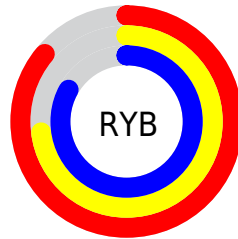
The XYZ color **58.9578, 55.0869, 69.8128** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.5827, 65.5222, 60.7595**, and the grayscale version is **54.3243, 57.1534, 62.2400**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.9904, 27.2087, 35.5694** is the 20% darker color. If you saturate the color by 10%, you get **54.0329, 46.2649, 65.0010**, and if you desaturate by 10%, it is **64.6204, 65.3492, 74.9752**.

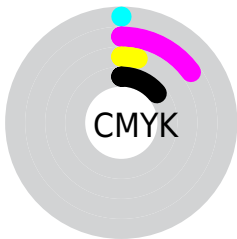
Distribution



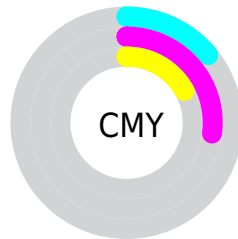
- Red (86%)
- Green (73%)
- Blue (83%)



- Red (86%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9578, 55.0869, 69.8128 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 58.9578, 55.0869, 69.8128 by changing the saturation by 10% instead.

■ 58.9578, 55.0869,
69.8128

■ 58.9578, 55.0869,
69.8128

410.6421,
406.2413, 478.6638

■ 42.8254, 39.4713,
50.8981

■ 102.4313, 97.6683,
120.6204

■ 29.9421, 27.1266,
35.7513

130.5031,
125.4028, 153.3503

■ 19.9425, 17.6683,
23.9540

163.2854,
157.9458, 191.5224

■ 12.4613, 10.7121,
15.0876

201.1436,
195.6817, 235.5551

■ 7.1331, 5.8736,
8.7336

244.4430,
238.9947, 285.8671

■ 3.5925, 2.7684,
4.4734

293.5490,

■ 1.4743, 1.0120,

288.2694, 342.8768

1.8885

348.8269,
343.8901, 407.0029

■ 0.3082, 0.0000,
0.4854

■ 0.0000, 0.0000,
0.0000

■ 58.9578, 55.0869,
69.8128

■ 58.9578, 55.0869,
69.8128

■ 54.0329, 46.2649,
65.0010

■ 64.6204, 65.3492,
74.9752

■ 49.8082, 38.8108,
60.5242

■ 71.0465, 77.1054,
80.4957

■ 46.2500, 32.6569,
56.3711

■ 78.2665, 90.4156,
86.3860

■ 43.3199, 27.7265,
52.5277

■ 79.9422, 92.6025,
90.5344

40.9756, 23.9354,
48.9791

80.6917, 92.9023,
94.4810

39.1691, 21.1882,
45.7081

81.4630, 93.2108,
98.5428

37.8451, 19.3742,
42.6954

82.2564, 93.5282,
102.7208

36.9353, 18.3575,
39.9171

83.0720, 93.8544,
107.0159

36.6049, 18.0516,
38.7131

83.3256, 93.9559,
108.3513

Harmonies

Analogous

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



56.3142, 55.0869, 78.8369



58.9578, 55.0869, 69.8128



59.8073, 55.0869, 58.9952

Triad

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



58.9578, 55.0869, 69.8128



52.0134, 55.0869, 41.8100



46.5901, 55.0869, 71.7284

Complementary

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



58.9578, 55.0869, 69.8128



55.5827, 65.5222, 60.7595

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.



45.5553, 55.0869, 60.9762



58.9578, 55.0869, 69.8128



48.5924, 55.0869, 44.3991

Square

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



58.9578, 55.0869, 69.8128



55.6877, 55.0869, 43.5935



46.2709, 55.0869, 51.1172



49.1646, 55.0869, 80.0314

Rectangle

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



58.9578, 55.0869, 69.8128



59.2108, 55.0869, 52.4165



46.2709, 55.0869, 51.1172



46.0563, 55.0869, 68.2388

Sweetspot

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



58.9594, 55.0893, 69.8140



90.6372, 91.9414, 105.0645



52.7105, 51.7484, 74.9214



19.2720, 19.4460, 22.3750



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.



58.9594, 55.0893, 69.8140



79.7122, 72.1752, 94.9986



56.9339, 54.2791, 59.1479



13.4765, 13.2197, 15.7705



21.5279, 10.6122, 22.9575



1.4271, 0.7005, 1.6578

Inverse Universe

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



58.9594, 55.0893, 69.8140



79.7122, 72.1752, 94.9986



57.5943, 66.3268, 71.3526



13.4765, 13.2197, 15.7705



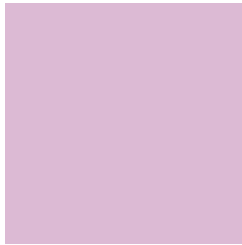
21.5279, 10.6122, 22.9575



1.4271, 0.7005, 1.6578

Previews

White Background



This preview shows how the XYZ color 58.9578, 55.0869, 69.8128 looks on a white background.

Color Contrast Check

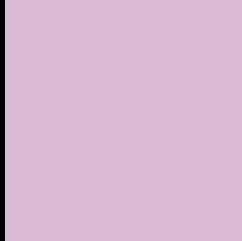
Large Text (above 18pt) WCAG AA × Fail

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 58.9578, 55.0869, 69.8128 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 58.9578, 55.0869, 69.8128

Background



This preview shows how black text looks on a background with the XYZ color 58.9578, 55.0869, 69.8128.



This preview shows how white text looks on a background with the XYZ color 58.9578, 55.0869,

69.8128.

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

58.9578, 55.0869, 69.8128

Protanopia

54.0318, 55.3774, 73.4868

Deuteranopia

56.1838, 54.9400, 69.2713



Tritanopia

57.8573, 55.2908, 63.4999

Trichromacy



Original Color

58.9578, 55.0869, 69.8128

Protanomaly

55.7440, 55.3021, 72.0263

Deuteranomaly

57.1068, 55.0954, 69.2526

Tritanomaly

58.1243, 55.0569, 65.9561

Monochromacy



Original Color

58.9578, 55.0869, 69.8128

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.9230, 56.2086, 65.0286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9578, 55.0869, 69.8128 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(220, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(220, 186, 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(220, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 186, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.9578, 55.0869, 69.8128 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(220, 186, 212) }
```


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

```
.border{ border-color:rgb(220, 186, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 186, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(220, 186,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9578, 55.0869, 69.8128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 186, 212) }
```

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

```
.background{ background-color: rgb(220,  
186, 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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