

Converting Colors

XYZ(58.0649, 51.6870, 78.8677)

Have a look what the booklet for
XYZ(58.0649, 51.6870, 78.8677)
contains.

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Color

**XYZ(58.0649, 51.6870,
78.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B1E2
RGB	217, 177, 226
RGB Percent	85%, 69%, 89%
CMY	0.1490, 0.3059, 0.1137
CMYK	0.04, 0.22, 0.00, 0.11
HSL	289°, 46%, 79%
HSV	289°, 22%, 89%
XYZ	58.0649, 51.6870, 78.8677
YIQ	194.5460, 8.1110, 23.7190

Conversions

Conversions Part 2

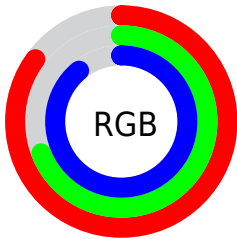
Format	Color
R _Y B	217, 177, 226
Decimal	14266850
CIE Lab	77.09, 22.99, -19.11
CIE LCh	77, 29.897, 320.269
Yxy	51.6870, 0.3078, 0.2740
Android (android.graphics.Color)	4292456930 (0xFFD9B1E2)
YUV	194.5460, 15.5068, 19.6922
Hunter-Lab	71.8937, 18.3515, -14.7158

Details

The XYZ color **58.0649, 51.6870, 78.8677** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.3836, 68.0074, 51.8052**, and the grayscale version is **51.5106, 54.1932, 59.0164**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **29.4586, 25.0370, 41.8081** is the 20% darker color. If you saturate the color by 10%, you get **52.7474, 42.8599, 77.4449**, and if you desaturate by 10%, it is **64.1558, 62.0130, 80.5406**.

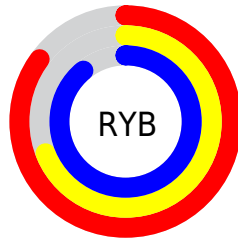
Distribution



Red (85%)

Green (69%)

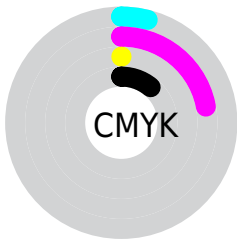
Blue (89%)



Red (85%)

Yellow (69%)

Blue (89%)

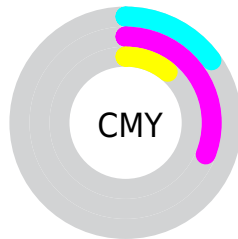


Cyan (4%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0649, 51.6870, 78.8677 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 58.0649, 51.6870, 78.8677 by changing the saturation by 10% instead.

■ 58.0649, 51.6870,
78.8677

■ 58.0649, 51.6870,
78.8677

407.3777,
393.2271, 510.7144

■ 42.1043, 36.7556,
58.2664

■ 101.1398, 92.6695,
133.5696

■ 29.3744, 25.0184,
41.6067

128.9848,
119.4894, 168.5072

■ 19.5100, 16.0907,
28.4702

161.5219,
151.0409, 209.0606

■ 12.1455, 9.5884,
18.4383

199.1166,
187.7085, 255.6485

■ 6.9158, 5.1269,
11.0924

242.1342,
229.8765, 308.6892

■ 3.4553, 2.3219,
6.0141

290.9400,

■ 1.3989, 0.7853,

277.9293, 368.6015

2.7847

345.8994,
332.2514, 435.8037

■ 0.2554, 0.0000,
0.9858

■ 0.0000, 0.0000,
0.0000

■ 58.0649, 51.6870,
78.8677

■ 58.0649, 51.6870,
78.8677

■ 52.7474, 42.8599,
77.4449

■ 64.1558, 62.0130,
80.5406

■ 48.1620, 35.4522,
76.2568

■ 71.0495, 73.8990,
82.4715

■ 44.2706, 29.3871,
75.2912

■ 78.7795, 87.4110,
84.6721

■ 41.0296, 24.5777,
74.5337

■ 83.2900, 94.4368,
85.7905

38.3904, 20.9272,
73.9682

84.6659, 95.1461,
85.8549

36.2970, 18.3240,
73.5761

86.0740, 95.8720,
85.9208

34.6825, 16.6345,
73.3350

87.5143, 96.6145,
85.9882

33.6125, 15.7421,
73.2192

88.9873, 97.3739,
86.0571

90.4929, 98.1501,
86.1276

Harmonies

Analogous

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



53.0300, 51.6870, 91.2341



58.0649, 51.6870, 78.8677



60.7640, 51.6870, 61.7629

Triad

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



58.0649, 51.6870, 78.8677



51.0064, 51.6870, 30.6248



39.5293, 51.6870, 67.8910

Complementary

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



58.0649, 51.6870, 78.8677



55.3836, 68.0074, 51.8052

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.



39.0794, 51.6870, 51.1285



58.0649, 51.6870, 78.8677



45.4202, 51.6870, 31.6320

Square

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



58.0649, 51.6870, 78.8677



56.4852, 51.6870, 35.3921



41.1568, 51.6870, 38.4754



42.4371, 51.6870, 84.0937

Rectangle

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



58.0649, 51.6870, 78.8677



60.7433, 51.6870, 50.8562



41.1568, 51.6870, 38.4754



39.0948, 51.6870, 62.0729

Sweetspot

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



58.0665, 51.6892, 78.8688



88.4217, 88.5187, 107.0332



49.5890, 50.2963, 79.0468



18.8090, 18.7453, 22.8768



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.



58.0665, 51.6892, 78.8688



73.0840, 62.5094, 102.8213



58.8833, 52.3334, 68.8247



14.0353, 13.8017, 17.3119



19.2691, 9.0289, 41.7755



1.4006, 0.6593, 2.8987

Inverse Universe

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



55.9508, 51.1605, 53.3827



69.9013, 61.7375, 63.4152



54.8108, 67.5336, 59.8437



13.8095, 13.7414, 14.7672



18.1582, 9.3303, 2.2331



1.2890, 0.6589, 0.3148

Previews

White Background



This preview shows how the XYZ color 58.0649, 51.6870, 78.8677 looks on a white background.

Color Contrast Check

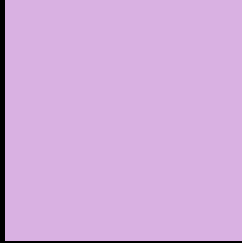
Large Text (above 18pt) WCAG AA × Fail

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 58.0649, 51.6870, 78.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

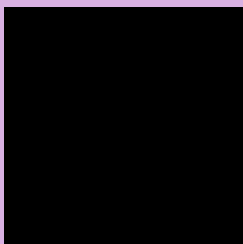
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0649, 51.6870, 78.8677

Background



This preview shows how black text looks on a background with the XYZ color 58.0649, 51.6870, 78.8677.



This preview shows how white text looks on a background with the XYZ color 58.0649, 51.6870,

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

58.0649, 51.6870, 78.8677

Protanopia

51.8713, 52.0390, 85.1525

Deuteranopia

53.0058, 51.8371, 77.7329



Tritanopia

54.2466, 51.6332, 59.9304

Trichromacy



Original Color

58.0649, 51.6870, 78.8677

Protanomaly

53.7651, 51.8049, 82.7669

Deuteranomaly

54.8812, 51.8598, 78.3515

Tritanomaly

55.4380, 51.4927, 66.6917

Monochromacy



Original Color

58.0649, 51.6870, 78.8677

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7524, 53.1192, 65.8125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0649, 51.6870, 78.8677 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(217, 177, 226)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 226)  
}
```

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(217, 177, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 226) }
```

Border

The CSS property to change the border of an element to XYZ 58.0649, 51.6870, 78.8677 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(217, 177, 226) }
```


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

```
.border{ border-color:rgb(217, 177, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 177, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 226);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0649, 51.6870, 78.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 226) }
```

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

```
.background{ background-color: rgb(217,  
177, 226) }
```

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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