

Converting Colors

XYZ(57.0525, 51.4227, 67.2458)

Have a look what the booklet for
XYZ(57.0525, 51.4227, 67.2458)
contains.

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Color

**XYZ(57.0496, 51.4199,
67.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB1D1
RGB	221, 177, 209
RGB Percent	87%, 69%, 82%
CMY	0.1333, 0.3059, 0.1804
CMYK	0.00, 0.20, 0.05, 0.13
HSL	316°, 39%, 78%
HSV	316°, 20%, 87%
XYZ	57.0496, 51.4199, 67.2398
YIQ	193.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

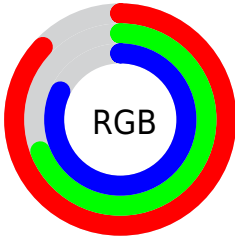
Format	Color
R _Y B	221, 177, 209
Decimal	14528977
CIE Lab	76.93, 21.20, -10.09
CIE LCh	77, 23.474, 334.554
Yxy	51.4199, 0.3247, 0.2926
Android (android.graphics.Color)	4292719057 (0xFFDDB1D1)
YUV	193.8040, 7.4916, 23.8509
Hunter-Lab	71.7077, 16.5236, -5.4005

Details

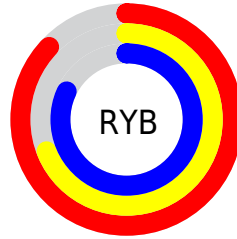
The XYZ color **57.0496, 51.4199, 67.2398** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.1753, 64.7357, 57.8397**, and the grayscale version is **51.1141, 53.7760, 58.5621**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **28.8499, 24.8889, 34.2938** is the 20% darker color. If you saturate the color by 10%, you get **52.3010, 43.0940, 62.0446**, and if you desaturate by 10%, it is **62.5363, 61.1755, 72.8216**.

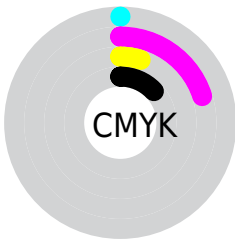
Distribution



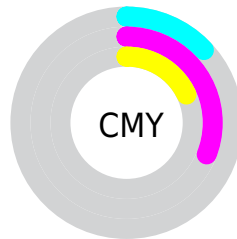
- Red (87%)
- Green (69%)
- Blue (82%)



- Red (87%)
- Yellow (69%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0496, 51.4199, 67.2398 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 57.0496, 51.4199, 67.2398 by changing the saturation by 10% instead.


 57.0496, 51.4199,
67.2398

 57.0496, 51.4199,
67.2398


403.6463,
392.1930, 469.3226

 41.2854, 36.5429,
48.8167

 99.6685, 92.2752,
116.9079

 28.7308, 24.8538,
34.1095


127.2539,
119.0222, 148.9899

 19.0205, 15.9681,
22.6997


159.5103,
150.4947, 186.4620

 11.7892, 9.5016,
14.1687

196.8032,
187.0771, 229.7428

 6.6715, 5.0698,
8.0980

239.4979,
229.1537, 279.2506

 3.3020, 2.2883,
4.0691

287.9597,

 1.3154, 0.7675,

277.1089, 335.4042

1.6633

342.5541,
331.3272, 398.6220

■ 0.1947, 0.0000,
0.3354

■ 0.0000, 0.0000,
0.0000

■ 57.0496, 51.4199,
67.2398

■ 57.0496, 51.4199,
67.2398

■ 52.3010, 43.0940,
62.0446

■ 62.5363, 61.1755,
72.8216

■ 48.2518, 36.1227,
57.2197

■ 68.7887, 72.4173,
78.7988

■ 44.8663, 30.4349,
52.7524

■ 75.8382, 85.2073,
85.1841

■ 42.1040, 25.9496,
48.6274

■ 80.3033, 92.7820,
90.8516

39.9197, 22.5771,
44.8282

81.1800, 93.1327,
95.4682

38.2617, 20.2147,
41.3360

82.0864, 93.4952,
100.2413

37.0691, 18.7407,
38.1287

83.0228, 93.8698,
105.1723

36.2349, 17.9422,
35.1689

83.6292, 94.1124,
108.3655

36.2277, 17.9358,
35.1424

Harmonies

Analogous

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



53.9102, 51.4199, 78.7977



57.0496, 51.4199, 67.2398



57.9483, 51.4199, 54.0563

Triad

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



57.0496, 51.4199, 67.2398



48.1940, 51.4199, 34.8657



42.1326, 51.4199, 71.1364

Complementary

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



57.0496, 51.4199, 67.2398



53.1753, 64.7357, 57.8397

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.



40.7986, 51.4199, 57.9642



57.0496, 51.4199, 67.2398



44.1599, 51.4199, 38.0681

Square

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



57.0496, 51.4199, 67.2398



52.6585, 51.4199, 36.5771



41.5177, 51.4199, 46.0663



45.2735, 51.4199, 81.2772

Rectangle

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



57.0496, 51.4199, 67.2398



57.1123, 51.4199, 46.3717



41.5177, 51.4199, 46.0663



41.4670, 51.4199, 66.8485

Sweetspot

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



57.0511, 51.4222, 67.2409



89.6971, 90.3578, 103.8370



49.6957, 47.4521, 74.9475



19.0793, 19.1256, 22.1101



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.



57.0511, 51.4222, 67.2409



75.9651, 65.9457, 89.8509



54.5410, 50.4181, 54.0230



13.4549, 13.2111, 15.6569



21.0948, 10.4390, 20.6771



1.4021, 0.6905, 1.5263

Inverse Universe

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



57.0511, 51.4222, 67.2409



75.9651, 65.9457, 89.8509



55.7142, 65.7512, 71.2091



13.4549, 13.2111, 15.6569



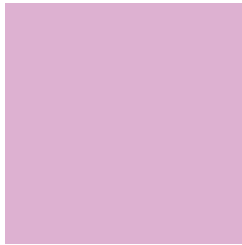
21.0948, 10.4390, 20.6771



1.4021, 0.6905, 1.5263

Previews

White Background



This preview shows how the XYZ color 57.0496, 51.4199, 67.2398 looks on a white background.

Color Contrast Check

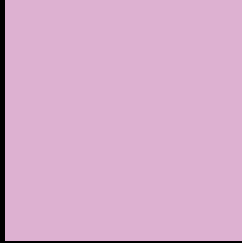
Large Text (above 18pt) WCAG AA × Fail

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 57.0496, 51.4199, 67.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

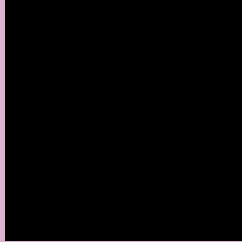
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0496, 51.4199, 67.2398

Background



This preview shows how black text looks on a background with the XYZ color 57.0496, 51.4199, 67.2398.



This preview shows how white text looks on a background with the XYZ color 57.0496, 51.4199,

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

57.0496, 51.4199, 67.2398

Protanopia

50.8420, 51.7922, 72.2830

Deuteranopia

52.8215, 51.6695, 66.8637



Tritanopia

55.2723, 51.5976, 58.0851

Trichromacy



Original Color

57.0496, 51.4199, 67.2398

Protanomaly

52.9124, 51.6441, 70.1303

Deuteranomaly

54.1255, 51.4199, 66.7468

Tritanomaly

55.9441, 51.5794, 61.0401

Monochromacy



Original Color

57.0496, 51.4199, 67.2398

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1939, 52.9273, 61.4452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0496, 51.4199, 67.2398 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(221, 177, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 177, 209)  
}
```

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(221, 177, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 177, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.0496, 51.4199, 67.2398 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(221, 177, 209) }
```


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

```
.border{ border-color:rgb(221, 177, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 177, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 177, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 177, 209); box-shadow:4px 4px 4px 4px rgb(221, 177, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0496, 51.4199, 67.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 177, 209) }
```

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

```
.background{ background-color: rgb(221,  
177, 209) }
```

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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