

Converting Colors

XYZ(57.2996, 50.6786, 84.5986)

Have a look what the booklet for
XYZ(57.2996, 50.6786, 84.5986)
contains.

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Color

**XYZ(57.3326, 50.5975,
84.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AFEA
RGB	212, 175, 234
RGB Percent	83%, 69%, 92%
CMY	0.1686, 0.3137, 0.0823
CMYK	0.09, 0.25, 0.00, 0.08
HSL	278°, 58%, 80%
HSV	278°, 25%, 92%
XYZ	57.3326, 50.5975, 84.5864
YIQ	192.7890, 3.1130, 26.1930

Conversions

Conversions Part 2

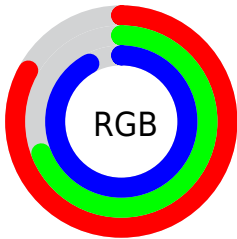
Format	Color
R _Y B	212, 175, 234
Decimal	13938666
CIE Lab	76.43, 24.04, -24.49
CIE LCh	76, 34.315, 314.474
Yxy	50.5975, 0.2978, 0.2628
Android (android.graphics.Color)	4292128746 (0xFFD4AFE4)
YUV	192.7890, 20.3170, 16.8480
Hunter-Lab	71.1319, 19.3908, -20.7123

Details

The XYZ color **57.3326, 50.5975, 84.5864** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.1884, 73.8124, 51.6348**, and the grayscale version is **50.4493, 53.0766, 57.8004**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **28.9000, 24.3015, 45.2869** is the 20% darker color. If you saturate the color by 10%, you get **50.7195, 41.0042, 83.0840**, and if you desaturate by 10%, it is **64.8740, 61.8434, 86.3604**.

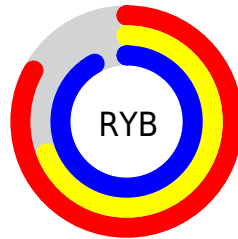
Distribution



Red (83%)

Green (69%)

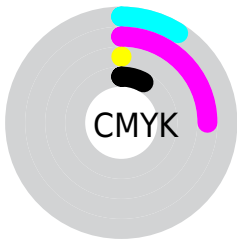
Blue (92%)



Red (83%)

Yellow (69%)

Blue (92%)

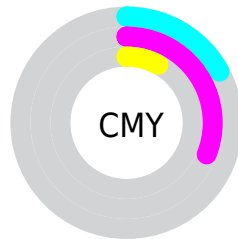


Cyan (9%)

Magenta (25%)

Yellow (0%)

Black (8%)



Cyan (17%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3326, 50.5975, 84.5864 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 57.3326, 50.5975, 84.5864 by changing the saturation by 10% instead.

57.3326, 50.5975,
84.5864

57.3326, 50.5975,
84.5864

404.6885,
388.9980, 530.3673

41.5135, 35.8884,
62.9515

100.0789, 91.0595,
141.6642

28.9100, 24.3480,
45.3612

127.7368,
117.5812, 177.9442

19.1567, 15.5920,
31.3970

160.0717,
148.8093, 219.9429

11.8882, 9.2359,
20.6404

197.4490,
185.1280, 268.0790

6.7393, 4.8954,
12.6727

240.2339,
226.9218, 322.7710

3.3445, 2.1860,
7.0755

288.7919,

1.3384, 0.7123,

274.5752, 384.4373

3.4302

343.4883,
328.4724, 453.4966

■ 0.2117, 0.0000,
1.3183

■ 0.0000, 0.0000,
0.0767

■ 57.3326, 50.5975,
84.5864

■ 57.3326, 50.5975,
84.5864

■ 50.7195, 41.0042,
83.0840

■ 64.8740, 61.8434,
86.3604

■ 44.9870, 32.9746,
81.8363

■ 73.3788, 74.8122,
88.4154

■ 40.0903, 26.4211,
80.8294

■ 82.8858, 89.5776,
90.7643

■ 35.9781, 21.2445,
80.0470

■ 88.9355, 97.2174,
91.9201

■ 32.5928, 17.3330,
79.4704

■ 91.8514, 98.7206,
92.0565

■ 29.8678, 14.5568,
79.0782

■ 27.7215, 12.7565,
78.8438

■ 26.8383, 12.1200,
78.7675

Harmonies

Analogous

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



51.2645, 50.5975, 97.2317



57.3326, 50.5975, 84.5864



61.0847, 50.5975, 65.1769

Triad

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



57.3326, 50.5975, 84.5864



51.4946, 50.5975, 27.4256



37.0355, 50.5975, 64.4741

Complementary

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



57.3326, 50.5975, 84.5864



60.1884, 73.8124, 51.6348

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.



37.0851, 50.5975, 46.1052



57.3326, 50.5975, 84.5864



45.0520, 50.5975, 27.3196

Square

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



57.3326, 50.5975, 84.5864



57.5140, 50.5975, 33.7323



39.9008, 50.5975, 33.4006



39.7586, 50.5975, 83.9735

Rectangle

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



57.3326, 50.5975, 84.5864



61.5734, 50.5975, 52.3622



39.9008, 50.5975, 33.4006



36.7368, 50.5975, 57.9152

Sweetspot

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



57.3342, 50.5996, 84.5875



86.1405, 86.2536, 106.7163



52.6390, 55.2697, 85.7364



18.0977, 17.9421, 22.7593



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.



57.3342, 50.5996, 84.5875



65.5829, 55.5056, 101.8648



63.1443, 53.7069, 79.7969



15.1389, 15.0169, 19.0229



15.2251, 6.8848, 44.2694



1.3013, 0.5951, 3.4812

Inverse Universe

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



59.3414, 52.1857, 59.7708



68.5257, 57.8064, 66.5943



55.5352, 71.3334, 55.0368



15.2977, 15.1470, 16.8532



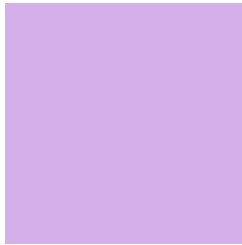
20.0963, 10.2412, 6.3086



1.6233, 0.8223, 0.7335

Previews

White Background



This preview shows how the XYZ color 57.3326, 50.5975, 84.5864 looks on a white background.

Color Contrast Check

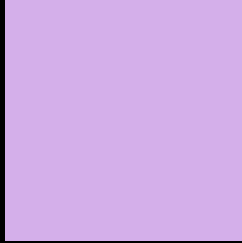
Large Text (above 18pt) WCAG AA × Fail

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 57.3326, 50.5975, 84.5864 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 57.3326, 50.5975, 84.5864

Background



This preview shows how black text looks on a background with the XYZ color 57.3326, 50.5975, 84.5864.



This preview shows how white text looks on a background with the XYZ color 57.3326, 50.5975,

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

57.3326, 50.5975, 84.5864

Protanopia

51.2529, 50.9501, 91.1374

Deuteranopia

51.9220, 50.8384, 83.4201



Tritanopia

52.1454, 50.5632, 59.2359

Trichromacy



Original Color

57.3326, 50.5975, 84.5864

Protanomaly

53.2525, 50.7903, 88.6582

Deuteranomaly

53.7375, 50.5330, 84.0124

Tritanomaly

53.7654, 50.3032, 67.8485

Monochromacy



Original Color

57.3326, 50.5975, 84.5864

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.7635, 51.9512, 66.9212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3326, 50.5975, 84.5864 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(212, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(212, 175, 234)  
}
```

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(212, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 175, 234) }
```

Border

The CSS property to change the border of an element to XYZ 57.3326, 50.5975, 84.5864 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(212, 175, 234) }
```


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

```
.border{ border-color:rgb(212, 175, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 175, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(212, 175,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3326, 50.5975, 84.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 175, 234) }
```

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

```
.background{ background-color: rgb(212,  
175, 234) }
```

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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