

Converting Colors

XYZ(68.0303, 66.4280, 89.3571)

Have a look what the booklet for
XYZ(68.0303, 66.4280, 89.3571)
contains.

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Color

**XYZ(68.0303, 66.4280,
89.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCFED
RGB	223, 207, 237
RGB Percent	87%, 81%, 93%
CMY	0.1255, 0.1882, 0.0706
CMYK	0.06, 0.13, 0.00, 0.07
HSL	272°, 45%, 87%
HSV	272°, 13%, 93%
XYZ	68.0303, 66.4280, 89.3571
YIQ	215.2040, -0.0940, 12.7220

Conversions

Conversions Part 2

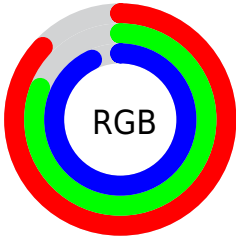
Format	Color
R _Y B	223, 207, 237
Decimal	14667757
CIE Lab	85.21, 10.99, -12.74
CIE LCh	85, 16.826, 310.777
Yxy	66.4280, 0.3040, 0.2968
Android (android.graphics.Color)	4292857837 (0xFFDFCFED)
YUV	215.2040, 10.7454, 6.8371
Hunter-Lab	81.5034, 6.3618, -7.9509

Details

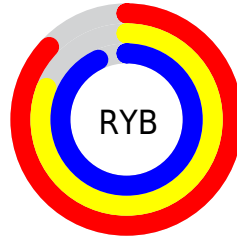
The XYZ color **68.0303, 66.4280, 89.3571** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.3678, 80.4473, 70.8011**, and the grayscale version is **64.6607, 68.0281, 74.0826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.8802, 34.4435, 48.4732** is the 20% darker color. If you saturate the color by 10%, you get **59.4170, 54.0956, 87.4317**, and if you desaturate by 10%, it is **77.7320, 80.6045, 91.5831**.

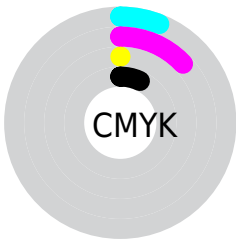
Distribution



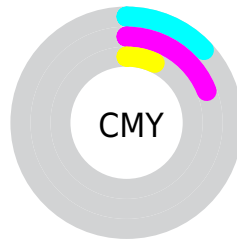
- Red (87%)
- Green (81%)
- Blue (93%)



- Red (87%)
- Yellow (81%)
- Blue (93%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0303, 66.4280, 89.3571 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 68.0303, 66.4280, 89.3571 by changing the saturation by 10% instead.

68.0303, 66.4280,
89.3571

68.0303, 66.4280,
89.3571

442.9784,
447.9060, 546.4533

50.1962, 48.6199,
66.8768

115.4372,
114.1004, 148.3728

35.7877, 34.3181,
48.5236

145.7406,
144.7335, 185.7452

24.4396, 23.1381,
33.8788

180.9311,
180.4105, 228.9189

15.7866, 14.6955,
22.5239

221.3742,
221.5156, 278.3122

9.4631, 8.6059,
14.0404

267.4351,
268.4333, 334.3438

5.1040, 4.4851,
8.0097

319.4792,

2.3438, 1.9484,

321.5480, 397.4321

4.0133

377.8718,
381.2441, 467.9958

■ 0.8169, 0.5773,
1.6326

■ 0.0000, 0.0000,
0.3139

■ 68.0303, 66.4280,
89.3571

■ 68.0303, 66.4280,
89.3571

■ 59.4170, 54.0956,
87.4317

■ 77.7320, 80.6045,
91.5831

■ 51.8437, 43.5201,
85.7896

■ 88.5562, 96.6904,
94.1175

■ 45.2670, 34.6198,
84.4183

■ 92.2863, 98.8945,
94.3464

■ 39.6375, 27.3029,
83.3027

■ 34.9015, 21.4686,
82.4262

■ 30.9990, 17.0042,
81.7701

■ 27.8614, 13.7797,
81.3131

■ 25.4066, 11.6387,
81.0292

■ 23.9483, 10.5799,
80.9017

Harmonies

Analogous

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



64.5137, 66.4280, 94.8901



68.0303, 66.4280, 89.3571



70.2902, 66.4280, 79.4382

Triad

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



68.0303, 66.4280, 89.3571



65.5737, 66.4280, 54.3173



56.2298, 66.4280, 76.3120

Complementary

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



68.0303, 66.4280, 89.3571



71.3678, 80.4473, 70.8011

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.



56.4879, 66.4280, 65.6567



68.0303, 66.4280, 89.3571



61.7816, 66.4280, 53.6611

Square

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



68.0303, 66.4280, 89.3571



68.8330, 66.4280, 59.5067



58.4857, 66.4280, 57.6141



57.7658, 66.4280, 86.8720

Rectangle

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



68.0303, 66.4280, 89.3571



70.7279, 66.4280, 72.0454



58.4857, 66.4280, 57.6141



56.1112, 66.4280, 72.6130

Sweetspot

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



68.0323, 66.4308, 89.3586



90.1522, 92.7721, 107.7630



67.0093, 71.3597, 90.3638



19.1042, 19.5748, 23.0214



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.



68.0323, 66.4308, 89.3586



77.7731, 74.7470, 104.9363



72.4528, 68.7181, 89.1846



14.9983, 14.9444, 19.0163



13.2279, 5.8551, 44.1759



1.1496, 0.5169, 3.4741

Inverse Universe

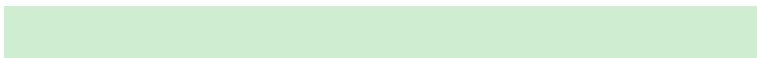
The Inverse Universe completely reimagines the original color for something new.



70.2913, 67.8535, 77.8020



80.9263, 76.7321, 88.8413



67.3424, 78.3650, 70.9323



15.3580, 15.1711, 17.1706



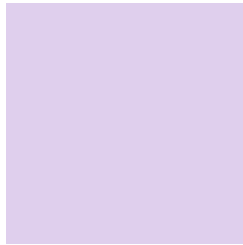
20.6876, 10.4777, 9.4220



1.6727, 0.8420, 0.9936

Previews

White Background



This preview shows how the XYZ color 68.0303, 66.4280, 89.3571 looks on a white background.

Color Contrast Check

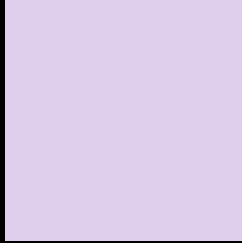
Large Text (above 18pt) WCAG AA × Fail

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 68.0303, 66.4280, 89.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

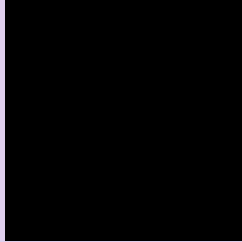
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.0303, 66.4280, 89.3571

Background



This preview shows how black text looks on a background with the XYZ color 68.0303, 66.4280, 89.3571.



This preview shows how white text looks on a background with the XYZ color 68.0303, 66.4280,

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

68.0303, 66.4280, 89.3571

Protanopia

65.3169, 66.4351, 91.8188

Deuteranopia

67.7231, 66.2697, 89.3427



Tritanopia

66.2099, 66.4093, 80.5628

Trichromacy



Original Color

68.0303, 66.4280, 89.3571

Protanomaly

66.3581, 66.6213, 91.0231

Deuteranomaly

67.7231, 66.2697, 89.3427

Tritanomaly

66.8229, 66.2985, 83.4037

Monochromacy



Original Color

68.0303, 66.4280, 89.3571

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.7762, 67.3201, 79.3393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0303, 66.4280, 89.3571 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(223, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 237)  
}
```

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(223, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 237) }
```

Border

The CSS property to change the border of an element to XYZ 68.0303, 66.4280, 89.3571 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(223, 207, 237) }
```


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

```
.border{ border-color:rgb(223, 207, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 207, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0303, 66.4280, 89.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 237) }
```

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

```
.background{ background-color: rgb(223,  
207, 237) }
```

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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