

Converting Colors

XYZ(71.5292, 68.4372, 90.0617)

Have a look what the booklet for
XYZ(71.5292, 68.4372, 90.0617)
contains.

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Color

**XYZ(71.5928, 68.6084,
90.3583)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D0EE
RGB	233, 208, 238
RGB Percent	91%, 82%, 93%
CMY	0.0863, 0.1843, 0.0667
CMYK	0.02, 0.13, 0.00, 0.07
HSL	290°, 47%, 87%
HSV	290°, 13%, 93%
XYZ	71.5928, 68.6084, 90.3583
YIQ	218.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

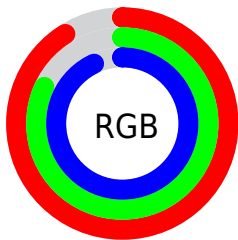
Format	Color
R _Y B	233, 208, 238
Decimal	15323374
CIE _{Lab}	86.31, 13.94, -11.55
CIE _{LCh}	86, 18.105, 320.362
Yxy	68.6084, 0.3105, 0.2976
Android (android.graphics.Color)	4293513454 (0xFFE9D0EE)
YUV	218.8950, 9.4188, 12.3701
Hunter-Lab	82.8302, 9.3305, -6.6975

Details

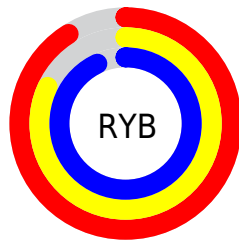
The XYZ color **71.5928, 68.6084, 90.3583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.4026, 79.8510, 71.4327**, and the grayscale version is **67.1951, 70.6945, 76.9863**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1306, 35.8357, 49.1633** is the 20% darker color. If you saturate the color by 10%, you get **64.9402, 57.2031, 88.5085**, and if you desaturate by 10%, it is **79.1492, 81.7759, 92.5026**.

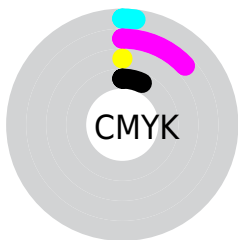
Distribution



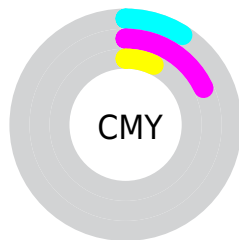
- Red (91%)
- Green (82%)
- Blue (93%)



- Red (91%)
- Yellow (82%)
- Blue (93%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5928, 68.6084, 90.3583 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 71.5928, 68.6084, 90.3583 by changing the saturation by 10% instead.

71.5928, 68.6084,
90.3583

71.5928, 68.6084,
90.3583

455.3027,
455.6486, 549.7958

53.1104, 50.3929,
67.7025

120.4914,
117.2221, 149.7759

38.1187, 35.7256,
49.1905

151.6382,
148.3890, 187.3747

26.2525, 24.2224,
34.4040

187.7372,
184.6418, 230.7915

17.1463, 15.4987,
22.9243

229.1538,
226.3650, 280.4450

10.4348, 9.1701,
14.3328

276.2533,
273.9429, 336.7536

5.7526, 4.8523,
8.2111

329.4010,

2.7345, 2.1609,

327.7598, 400.1360

4.1406

388.9624,
388.2003, 471.0105

■ 1.0150, 0.6985,
1.7028

■ 0.0000, 0.0000,
0.3627

■ 71.5928, 68.6084,
90.3583

■ 71.5928, 68.6084,
90.3583

■ 64.9402, 57.2031,
88.5085

■ 79.1492, 81.7759,
92.5026

■ 59.1466, 47.4739,
86.9359

■ 87.4464, 96.3825,
94.8847

■ 54.1721, 39.3404,
85.6282

■ 88.8149, 97.0880,
94.9487

■ 49.9716, 32.7122,
84.5702

■ 90.2130, 97.8088,
95.0142

46.4949, 27.4899,
83.7455

91.6410, 98.5449,
95.0810

43.6864, 23.5619,
83.1353

92.4328, 98.9531,
95.1181

41.4814, 20.7996,
82.7183

39.8022, 19.0477,
82.4687

38.8096, 18.2243,
82.3621

Harmonies

Analogous

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



68.0449, 68.6084, 98.4089



71.5928, 68.6084, 90.3583



73.4532, 68.6084, 78.6206

Triad

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



71.5928, 68.6084, 90.3583



66.5642, 68.6084, 54.2431



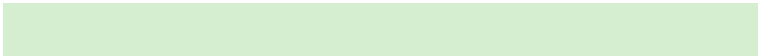
57.9666, 68.6084, 82.9954

Complementary

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



71.5928, 68.6084, 90.3583



69.4026, 79.8510, 71.4327

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.



57.6082, 68.6084, 70.9176



71.5928, 68.6084, 90.3583



62.4554, 68.6084, 55.1469

Square

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



71.5928, 68.6084, 90.3583



70.4692, 68.6084, 58.3527



59.2187, 68.6084, 60.9690



60.2196, 68.6084, 93.8531

Rectangle

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



71.5928, 68.6084, 90.3583



73.4341, 68.6084, 70.6417



59.2187, 68.6084, 60.9690



57.6244, 68.6084, 78.9168

Sweetspot

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



71.5948, 68.6114, 90.3598



91.2592, 93.3429, 107.8148



65.3680, 67.4265, 90.4593



19.3849, 19.7195, 23.0345



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.



71.5948, 68.6114, 90.3598



81.7318, 76.7878, 105.1215



71.8909, 68.9210, 83.2791



16.1806, 15.8903, 19.9359



21.7466, 10.2162, 45.9536



1.8770, 0.8849, 3.8261

Inverse Universe

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



69.8283, 68.0960, 72.4173



79.3246, 76.0914, 80.4067



69.1789, 79.5965, 77.7074



15.8803, 15.8018, 16.9257



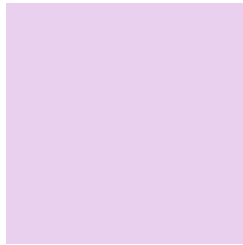
19.9136, 10.2379, 2.1954



1.6877, 0.8641, 0.3463

Previews

White Background



This preview shows how the XYZ color 71.5928, 68.6084, 90.3583 looks on a white background.

Color Contrast Check

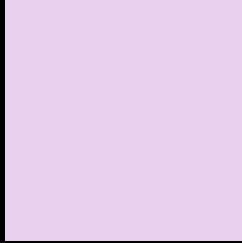
Large Text (above 18pt) WCAG AA × Fail

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 71.5928, 68.6084, 90.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

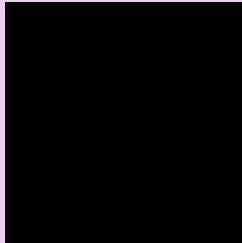
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5928, 68.6084, 90.3583

Background



This preview shows how black text looks on a background with the XYZ color 71.5928, 68.6084, 90.3583.



This preview shows how white text looks on a background with the XYZ color 71.5928, 68.6084,

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

71.5928, 68.6084, 90.3583

Protanopia

67.2250, 68.5010, 93.6833

Deuteranopia

70.1578, 68.5971, 90.4318



Tritanopia

69.7291, 68.5731, 81.5123

Trichromacy



Original Color

71.5928, 68.6084, 90.3583

Protanomaly

68.9359, 68.6535, 92.8372

Deuteranomaly

70.5462, 68.4320, 90.3794

Tritanomaly

70.3621, 68.4699, 84.3704

Monochromacy



Original Color

71.5928, 68.6084, 90.3583

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.7684, 69.9392, 81.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5928, 68.6084, 90.3583 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(233, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(233, 208, 238)  
}
```

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(233, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 208, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.5928, 68.6084, 90.3583 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(233, 208, 238) }
```


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

```
.border{ border-color:rgb(233, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(233, 208,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5928, 68.6084, 90.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 208, 238) }
```

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

```
.background{ background-color: rgb(233,  
208, 238) }
```

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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