

Converting Colors

XYZ(69.3915, 66.0756, 85.4416)

Have a look what the booklet for
XYZ(69.3915, 66.0756, 85.4416)
contains.

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Color

**XYZ(69.4371, 66.1677,
85.4559)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CCE8
RGB	232, 204, 232
RGB Percent	91%, 80%, 91%
CMY	0.0902, 0.2000, 0.0902
CMYK	0.00, 0.12, 0.00, 0.09
HSL	300°, 38%, 85%
HSV	300°, 12%, 91%
XYZ	69.4371, 66.1677, 85.4559
YIQ	215.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

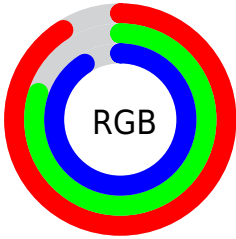
Format	Color
R _Y B	232, 204, 232
Decimal	15256808
CIE Lab	85.08, 14.62, -10.20
CIE LCh	85, 17.831, 325.090
Yxy	66.1677, 0.3141, 0.2993
Android (android.graphics.Color)	4293446888 (0xFFE8CCE8)
YUV	215.5640, 8.1029, 14.4144
Hunter-Lab	81.3435, 10.0214, -5.3470

Details

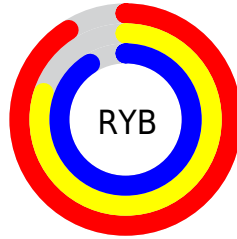
The XYZ color **69.4371, 66.1677, 85.4559** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6601, 74.9122, 68.1817**, and the grayscale version is **64.9184, 68.2992, 74.3779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6473, 34.1774, 45.7397** is the 20% darker color. If you saturate the color by 10%, you get **64.3292, 55.9509, 83.7539**, and if you desaturate by 10%, it is **75.3703, 78.0330, 87.4346**.

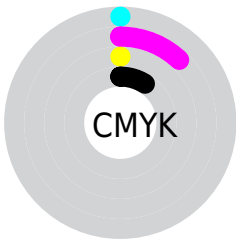
Distribution



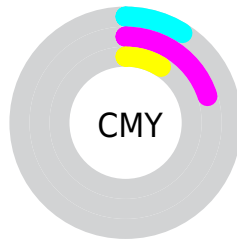
- Red (91%)
- Green (80%)
- Blue (91%)



- Red (91%)
- Yellow (80%)
- Blue (91%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4371, 66.1677, 85.4559 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 69.4371, 66.1677, 85.4559 by changing the saturation by 10% instead.

69.4371, 66.1677,
85.4559

69.4371, 66.1677,
85.4559

447.8684,
446.9764, 533.3193

51.3457, 48.4085,
63.6658

117.4363,
113.7270, 142.8898

36.7060, 34.1505,
45.9356

148.0749,
144.2959, 179.3707

25.1525, 23.0093,
31.8467

183.6265,
179.9036, 221.5856

16.3201, 14.6004,
20.9806

224.4566,
220.9343, 269.9530

9.8432, 8.5394,
12.9187

270.9304,
267.7726, 324.8916

5.3566, 4.4420,
7.2425

323.4134,

2.4949, 1.9237,

320.8028, 386.8198

3.5335

382.2710,
380.4092, 456.1562

■ 0.8927, 0.5626,
1.3731

■ 0.0000, 0.0000,
0.1206

■ 69.4371, 66.1677,
85.4559

■ 69.4371, 66.1677,
85.4559

■ 64.3292, 55.9509,
83.7539

■ 75.3703, 78.0330,
87.4346

■ 60.0044, 47.3015,
82.3121

■ 82.1568, 91.6059,
89.6969

■ 56.4260, 40.1446,
81.1191

■ 83.6051, 94.5024,
90.1799

■ 53.5516, 34.3959,
80.1608

■ 83.6051, 94.5024,
90.1801

51.3348, 29.9625,
79.4217

83.6051, 94.5024,
90.1803

49.7238, 26.7404,
78.8845

83.6052, 94.5025,
90.1805

48.6587, 24.6102,
78.5293

83.6052, 94.5025,
90.1806

48.0676, 23.4281,
78.3321

83.6052, 94.5025,
90.1808

47.8446, 22.9822,
78.2576

83.6053, 94.5025,
90.1810

Harmonies

Analogous

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



66.2217, 66.1677, 93.9848



69.4371, 66.1677, 85.4559



70.9013, 66.1677, 73.9547

Triad

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



69.4371, 66.1677, 85.4559



63.5536, 66.1677, 52.1830



56.1537, 66.1677, 81.8349

Complementary

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



69.4371, 66.1677, 85.4559



64.6601, 74.9122, 68.1817

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.



55.5069, 66.1677, 70.1692



69.4371, 66.1677, 85.4559



59.6728, 66.1677, 53.8171

Square

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



69.4371, 66.1677, 85.4559



67.4135, 66.1677, 55.3904



56.7687, 66.1677, 60.1168



58.5743, 66.1677, 91.7432

Rectangle

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



69.4371, 66.1677, 85.4559



70.6439, 66.1677, 66.4406



56.7687, 66.1677, 60.1168



55.7261, 66.1677, 77.9569

Sweetspot

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



69.4390, 66.1706, 85.4573



91.8819, 93.6639, 107.8439



61.0631, 61.8526, 85.0656



19.5431, 19.8010, 23.0419



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.



69.4390, 66.1706, 85.4573



84.6998, 79.2997, 105.4496



67.5287, 65.4064, 75.3976



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4449



1.9628, 0.9428, 3.2104

Inverse Universe

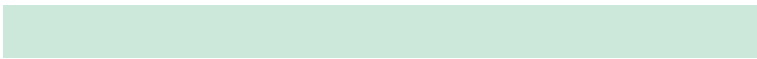
The Inverse Universe completely reimagines the original color for something new.



69.4390, 66.1706, 85.4573



84.6998, 79.2997, 105.4496



66.4157, 75.6144, 77.4266



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4449



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 69.4371, 66.1677, 85.4559 looks on a white background.

Color Contrast Check

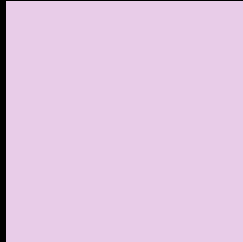
Large Text (above 18pt) WCAG AA × Fail

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 69.4371, 66.1677, 85.4559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

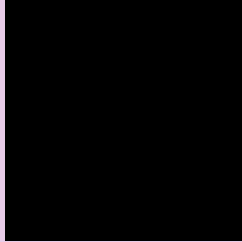
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4371, 66.1677, 85.4559

Background



This preview shows how black text looks on a background with the XYZ color 69.4371, 66.1677, 85.4559.



This preview shows how white text looks on a background with the XYZ color 69.4371, 66.1677,

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

69.4371, 66.1677, 85.4559

Protanopia

64.7291, 66.2000, 88.7232

Deuteranopia

67.7880, 66.4027, 84.8455



Tritanopia

68.2111, 66.4055, 78.3297

Trichromacy



Original Color

69.4371, 66.1677, 85.4559

Protanomaly

66.1665, 65.8616, 87.8225

Deuteranomaly

68.4900, 66.4061, 84.8092

Tritanomaly

68.5138, 66.1426, 81.1072

Monochromacy



Original Color

69.4371, 66.1677, 85.4559

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.8525, 67.8905, 78.6879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4371, 66.1677, 85.4559 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(232, 204, 232)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 232)  
}
```

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(232, 204, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 232) }
```

Border

The CSS property to change the border of an element to XYZ 69.4371, 66.1677, 85.4559 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(232, 204, 232) }
```


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

```
.border{ border-color:rgb(232, 204, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 232);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4371, 66.1677, 85.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 232) }
```

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

```
.background{ background-color: rgb(232,  
204, 232) }
```

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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