

Converting Colors

XYZ(71.5642, 67.4346, 96.5868)

Have a look what the booklet for
XYZ(71.5642, 67.4346, 96.5868)
contains.

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Color

**XYZ(71.4209, 67.3054,
96.4157)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CDF6
RGB	231, 205, 246
RGB Percent	91%, 80%, 96%
CMY	0.0941, 0.1961, 0.0353
CMYK	0.06, 0.17, 0.00, 0.04
HSL	278°, 69%, 88%
HSV	278°, 17%, 96%
XYZ	71.4209, 67.3054, 96.4157
YIQ	217.4480, 2.3350, 18.2630

Conversions

Conversions Part 2

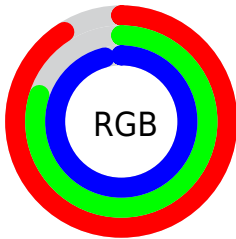
Format	Color
R _Y B	231, 205, 246
Decimal	15191542
CIE Lab	85.66, 16.39, -16.78
CIE LCh	86, 23.457, 314.317
Yxy	67.3054, 0.3037, 0.2862
Android (android.graphics.Color)	4293381622 (0xFFE7CDF6)
YUV	217.4480, 14.0761, 11.8851
Hunter-Lab	82.0399, 11.8258, -12.2515

Details

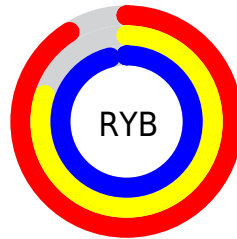
The XYZ color **71.4209, 67.3054, 96.4157** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.4927, 85.5366, 70.3976**, and the grayscale version is **66.1677, 69.6136, 75.8092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0401, 34.9649, 53.4592** is the 20% darker color. If you saturate the color by 10%, you get **63.1626, 54.9900, 94.4749**, and if you desaturate by 10%, it is **80.7578, 81.5538, 98.6748**.

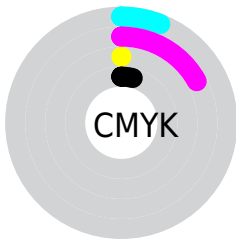
Distribution



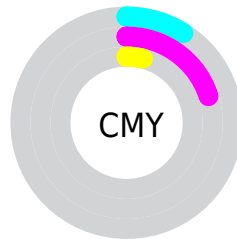
- Red (91%)
- Green (80%)
- Blue (96%)



- Red (91%)
- Yellow (80%)
- Blue (96%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4209, 67.3054, 96.4157 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 71.4209, 67.3054, 96.4157 by changing the saturation by 10% instead.

71.4209, 67.3054,
96.4157

71.4209, 67.3054,
96.4157

454.7124,
451.0311, 569.7870

52.9695, 49.3329,
72.7104

120.2481,
115.3579, 158.2314

38.0058, 34.8836,
53.2488

151.3547,
146.2067, 197.1789

26.1644, 23.5732,
37.6124

187.4103,
182.1163, 242.0442

17.0800, 15.0173,
25.3825

228.7804,
223.4712, 293.2459

10.3872, 8.8316,
16.1406

275.8303,
270.6557, 351.2024

5.7207, 4.6315,
9.4683

328.9254,

2.7150, 2.0327,

324.0542, 416.3325

4.9469

388.4310,
384.0512, 489.0545

■ 1.0049, 0.6264,
2.1580

■ 0.0000, 0.0000,
0.6499

■ 71.4209, 67.3054,
96.4157

■ 71.4209, 67.3054,
96.4157

■ 63.1626, 54.9900,
94.4749

■ 80.7578, 81.5538,
98.6748

■ 55.9314, 44.5117,
92.8335

■ 91.2097, 97.8082,
101.2614

■ 49.6806, 35.7790,
91.4774

■ 93.6347, 99.4339,
101.4474

■ 44.3570, 28.6892,
90.3895

■ 39.9020, 23.1282,
89.5509

■ 36.2492, 18.9673,
88.9403

■ 33.3214, 16.0555,
88.5326

■ 31.0216, 14.2028,
88.2962

■ 30.3444, 13.7215,
88.2390

Harmonies

Analogous

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



66.5460, 67.3054, 105.6496



71.4209, 67.3054, 96.4157



74.3814, 67.3054, 81.5287

Triad

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



71.4209, 67.3054, 96.4157



66.7892, 67.3054, 48.4500



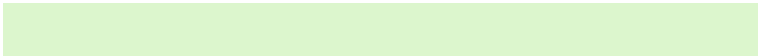
54.5247, 67.3054, 80.8034

Complementary

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



71.4209, 67.3054, 96.4157



73.4927, 85.5366, 70.3976

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.



54.5817, 67.3054, 65.6150



71.4209, 67.3054, 96.4157



61.4647, 67.3054, 48.3123

Square

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



71.4209, 67.3054, 96.4157



71.6075, 67.3054, 54.5907



57.0595, 67.3054, 54.1841



56.8991, 67.3054, 95.8213

Rectangle

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



71.4209, 67.3054, 96.4157



74.7727, 67.3054, 71.0916



57.0595, 67.3054, 54.1841



54.2645, 67.3054, 75.5213

Sweetspot

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



71.4229, 67.3083, 96.4172



89.4212, 91.2592, 107.5095



67.4159, 70.8396, 97.3100



18.9758, 19.2798, 22.9712



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.



71.4229, 67.3083, 96.4172



74.3482, 68.2970, 103.8718



75.6468, 69.5813, 92.2990



16.5915, 16.4476, 20.8428



16.3560, 7.4061, 47.1055



1.5502, 0.7090, 4.1454

Inverse Universe

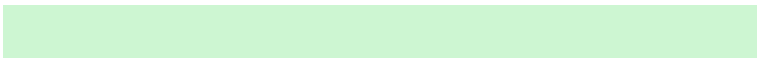
The Inverse Universe completely reimagines the original color for something new.



72.7579, 68.4257, 77.0859



76.1063, 69.7551, 79.0243



69.8261, 83.5688, 73.7313



16.7497, 16.5827, 18.4287



21.3328, 10.8766, 6.4610



1.9226, 0.9750, 0.8188

Previews

White Background



This preview shows how the XYZ color 71.4209, 67.3054, 96.4157 looks on a white background.

Color Contrast Check

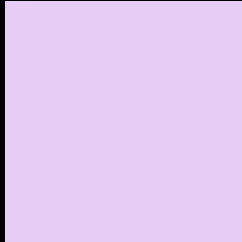
Large Text (above 18pt) WCAG AA × Fail

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 71.4209, 67.3054, 96.4157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

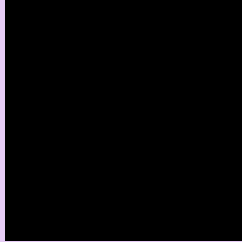
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4209, 67.3054, 96.4157

Background



This preview shows how black text looks on a background with the XYZ color 71.4209, 67.3054, 96.4157.



This preview shows how white text looks on a background with the XYZ color 71.4209, 67.3054,

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

71.4209, 67.3054, 96.4157

Protanopia

66.6882, 67.3174, 100.7455

Deuteranopia

68.7971, 67.4091, 95.7715



Tritanopia

68.3860, 67.5312, 80.6646

Trichromacy



Original Color

71.4209, 67.3054, 96.4157

Protanomaly

68.2182, 67.0394, 98.9669

Deuteranomaly

69.7778, 67.5516, 95.7473

Tritanomaly

69.5770, 67.6530, 86.4820

Monochromacy



Original Color

71.4209, 67.3054, 96.4157

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.9220, 68.7195, 83.0831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4209, 67.3054, 96.4157 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(231, 205, 246)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 246)  
}
```

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(231, 205, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 246) }
```

Border

The CSS property to change the border of an element to XYZ 71.4209, 67.3054, 96.4157 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(231, 205, 246) }
```


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

```
.border{ border-color:rgb(231, 205, 246) }
```

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

Here you see how a box with a 4 pixel rgb(231, 205, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 205, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 205, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 205,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4209, 67.3054, 96.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 246) }
```

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

```
.background{ background-color: rgb(231,  
205, 246) }
```

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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