

Converting Colors

XYZ(71.5087, 69.8204, 91.2428)

Have a look what the booklet for
XYZ(71.5087, 69.8204, 91.2428)
contains.

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Color

**XYZ(71.5074, 69.6435,
91.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3EF
RGB	230, 211, 239
RGB Percent	90%, 83%, 94%
CMY	0.0980, 0.1725, 0.0627
CMYK	0.04, 0.12, 0.00, 0.06
HSL	281°, 47%, 88%
HSV	281°, 12%, 94%
XYZ	71.5074, 69.6435, 91.3351
YIQ	219.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

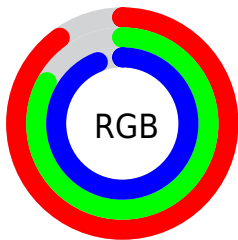
Format	Color
R _Y B	230, 211, 239
Decimal	15127535
CIE Lab	86.82, 11.55, -11.34
CIE LCh	87, 16.191, 315.532
Yxy	69.6435, 0.3076, 0.2996
Android (android.graphics.Color)	4293317615 (0xFFE6D3EF)
YUV	219.8730, 9.4296, 8.8814
Hunter-Lab	83.4527, 6.9076, -6.4733

Details

The XYZ color **71.5074, 69.6435, 91.3351** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.1421, 81.6536, 73.5899**, and the grayscale version is **67.8759, 71.4107, 77.7663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8913, 36.1945, 49.7889** is the 20% darker color. If you saturate the color by 10%, you get **63.5948, 57.3973, 89.3894**, and if you desaturate by 10%, it is **80.4155, 83.7172, 93.5831**.

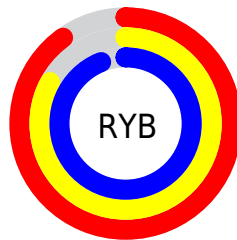
Distribution



Red (90%)

Green (83%)

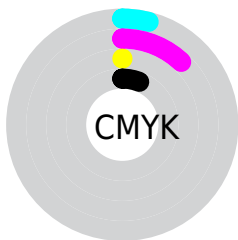
Blue (94%)



Red (90%)

Yellow (83%)

Blue (94%)

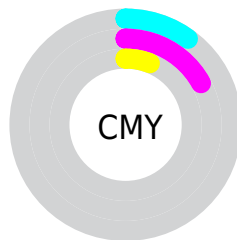


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (6%)



Cyan (10%)

Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5074, 69.6435, 91.3351 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 71.5074, 69.6435, 91.3351 by changing the saturation by 10% instead.

71.5074, 69.6435,
91.3351

71.5074, 69.6435,
91.3351

455.0095,
459.2973, 553.0461

53.0404, 51.2360,
68.5086

120.3705,
118.7002, 151.1432

38.0626, 36.3964,
49.8423

151.4974,
150.1182, 188.9619

26.2087, 24.7405,
34.9178

187.5748,
186.6417, 232.6150

17.1134, 15.8838,
23.3165

228.9683,
228.6553, 282.5210

10.4112, 9.4420,
14.6199

276.0432,
276.5432, 339.0987

5.7368, 5.0306,
8.4094

329.1648,

2.7248, 2.2652,

330.6899, 402.7664

4.2665

388.6984,
391.4798, 473.9427

■ 1.0100, 0.7552,
1.7727

■ 0.0000, 0.0000,
0.4098

■ 71.5074, 69.6435,
91.3351

■ 71.5074, 69.6435,
91.3351

■ 63.5948, 57.3973,
89.3894

■ 80.4155, 83.7172,
93.5831

■ 56.6314, 46.8913,
87.7286

■ 89.1248, 97.2307,
95.7325

■ 50.5761, 38.0444,
86.3401

■ 91.8666, 98.6442,
95.8608

■ 45.3822, 30.7652,
85.2088

■ 92.5802, 99.0121,
95.8942

■ 40.9985, 24.9535,
84.3181

■ 37.3678, 20.4972,
83.6493

■ 34.4246, 17.2674,
83.1810

■ 32.0903, 15.1096,
82.8876

■ 30.5156, 13.9316,
82.7432

Harmonies

Analogous

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



68.1558, 69.6435, 97.6609



71.5074, 69.6435, 91.3351



73.4700, 69.6435, 81.1400

Triad

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



71.5074, 69.6435, 91.3351



68.0231, 69.6435, 57.4388



59.4475, 69.6435, 81.5307

Complementary

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



71.5074, 69.6435, 91.3351



72.1421, 81.6536, 73.5899

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.



59.4151, 69.6435, 70.7567



71.5074, 69.6435, 91.3351



64.2704, 69.6435, 57.5219

Square

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



71.5074, 69.6435, 91.3351



71.4071, 69.6435, 61.9482



61.1507, 69.6435, 62.1870



61.2411, 69.6435, 91.6444

Rectangle

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



71.5074, 69.6435, 91.3351



73.6806, 69.6435, 73.8445



61.1507, 69.6435, 62.1870



59.2326, 69.6435, 77.8506

Sweetspot

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



71.5095, 69.6465, 91.3366



90.6859, 93.0473, 107.7880



68.1275, 71.4453, 91.8621



19.2394, 19.6445, 23.0277



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.



71.5095, 69.6465, 91.3366



80.6031, 77.1878, 105.2582



73.7922, 70.9019, 87.8909



15.9315, 15.7619, 19.9243



17.0062, 7.7724, 45.7318



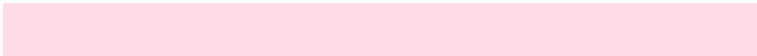
1.5180, 0.6998, 3.8093

Inverse Universe

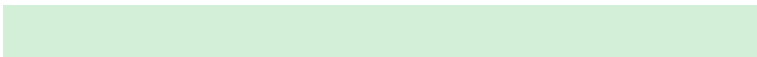
The Inverse Universe completely reimagines the original color for something new.



71.8115, 70.1096, 77.4611



81.0420, 77.8366, 86.1882



70.0846, 80.5244, 76.5920



15.9822, 15.8426, 17.4625



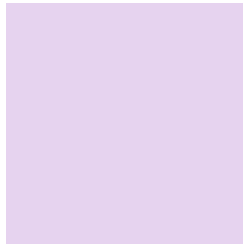
20.4614, 10.4570, 5.0803



1.7459, 0.8874, 0.6530

Previews

White Background



This preview shows how the XYZ color 71.5074, 69.6435, 91.3351 looks on a white background.

Color Contrast Check

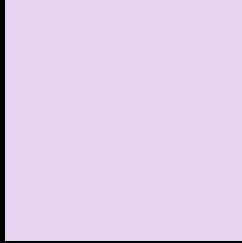
Large Text (above 18pt) WCAG AA × Fail

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 71.5074, 69.6435, 91.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

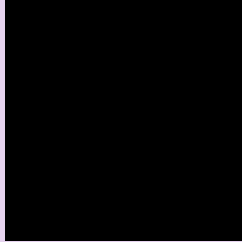
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5074, 69.6435, 91.3351

Background



This preview shows how black text looks on a background with the XYZ color 71.5074, 69.6435, 91.3351.



This preview shows how white text looks on a background with the XYZ color 71.5074, 69.6435,

91.3351.

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

71.5074, 69.6435, 91.3351

Protanopia

68.3144, 69.8187, 93.8802

Deuteranopia

71.1874, 69.4785, 91.3201



Tritanopia

70.2502, 69.9037, 83.9189

Trichromacy



Original Color

71.5074, 69.6435, 91.3351

Protanomaly

69.4390, 69.6597, 93.0049

Deuteranomaly

71.1874, 69.4785, 91.3201

Tritanomaly

70.5646, 69.6282, 86.8112

Monochromacy



Original Color

71.5074, 69.6435, 91.3351

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.4185, 71.0191, 82.7223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5074, 69.6435, 91.3351 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(230, 211, 239)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 239)  
}
```

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(230, 211, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 239) }
```

Border

The CSS property to change the border of an element to XYZ 71.5074, 69.6435, 91.3351 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(230, 211, 239) }
```


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

```
.border{ border-color:rgb(230, 211, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 239);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5074, 69.6435, 91.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 239) }
```

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

```
.background{ background-color: rgb(230,  
211, 239) }
```

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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