

Converting Colors

XYZ(74.0684, 71.2068, 96.1307)

Have a look what the booklet for
XYZ(74.0684, 71.2068, 96.1307)
contains.

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Color

**XYZ(73.9566, 71.1720,
96.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD4F5
RGB	234, 212, 245
RGB Percent	92%, 83%, 96%
CMY	0.0823, 0.1686, 0.0392
CMYK	0.04, 0.13, 0.00, 0.04
HSL	280°, 62%, 90%
HSV	280°, 13%, 96%
XYZ	73.9566, 71.1720, 96.2258
YIQ	222.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

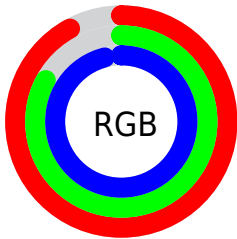
Format	Color
R_{YB}	234, 212, 245
Decimal	15389941
CIE _{Lab}	87.57, 13.47, -13.36
CIE _{LCh}	88, 18.973, 315.228
Yxy	71.1720, 0.3064, 0.2949
Android (android.graphics.Color)	4293580021 (0xFFEAD4F5)
YUV	222.3400, 11.1714, 10.2258
Hunter-Lab	84.3635, 8.8445, -8.5723

Details

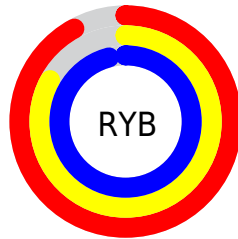
The XYZ color **73.9566, 71.1720, 96.2258** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.9701, 85.7481, 74.8906**, and the grayscale version is **69.5955, 73.2199, 79.7365**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6024, 37.2530, 53.2474** is the 20% darker color. If you saturate the color by 10%, you get **65.6715, 58.4901, 94.2157**, and if you desaturate by 10%, it is **83.2989, 85.7823, 98.5546**.

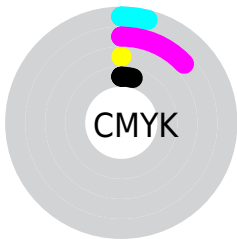
Distribution



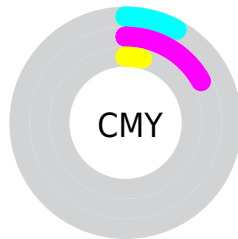
- Red (92%)
- Green (83%)
- Blue (96%)



- Red (92%)
- Yellow (83%)
- Blue (96%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (17%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9566, 71.1720, 96.2258 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 73.9566, 71.1720, 96.2258 by changing the saturation by 10% instead.

73.9566, 71.1720,
96.2258

73.9566, 71.1720,
96.2258

463.3762,
464.6545, 569.1661

55.0497, 52.4826,
72.5531

123.8301,
120.8786, 157.9671

39.6755, 37.3899,
53.1210

155.5274,
152.6646, 196.8729

27.4687, 25.5095,
37.5110

192.2189,
189.5848, 241.6933

18.0640, 16.4571,
25.3045

234.2699,
232.0238, 292.8471

11.0959, 9.8481,
16.0830

282.0457,
280.3658, 350.7528

6.1991, 5.2984,
9.4279

335.9118,

3.0083, 2.4234,

334.9954, 415.8288

4.9207

396.2335,
396.2968, 488.4937

■ 1.1582, 0.8379,
2.1429

■ 0.0730, 0.0000,
0.6411

■ 73.9566, 71.1720,
96.2258

■ 73.9566, 71.1720,
96.2258

■ 65.6715, 58.4901,
94.2157

■ 83.2989, 85.7823,
98.5546

■ 58.3937, 47.6430,
92.5056

■ 91.7867, 98.4989,
100.5618

■ 52.0788, 38.5432,
91.0820

■ 93.4816, 99.3727,
100.6411

■ 46.6763, 31.0920,
89.9285

■ 42.1305, 25.1808,
89.0271

■ 38.3792, 20.6877,
88.3576

■ 35.3503, 17.4716,
87.8964

■ 32.9569, 15.3611,
87.6152

■ 31.6530, 14.4138,
87.5011

Harmonies

Analogous

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



69.9377, 71.1720, 103.8558



73.9566, 71.1720, 96.2258



76.3344, 71.1720, 83.9647

Triad

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



73.9566, 71.1720, 96.2258



69.8700, 71.1720, 55.9787



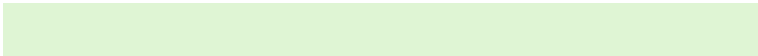
59.6611, 71.1720, 84.1652

Complementary

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



73.9566, 71.1720, 96.2258



74.9701, 85.7481, 74.8906

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.



59.6448, 71.1720, 71.3650



73.9566, 71.1720, 96.2258



65.4066, 71.1720, 56.0197

Square

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



73.9566, 71.1720, 96.2258



73.9051, 71.1720, 61.2475



61.7066, 71.1720, 61.3664



61.7523, 71.1720, 96.3865

Rectangle

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



73.9566, 71.1720, 96.2258



76.6048, 71.1720, 75.2651



61.7066, 71.1720, 61.3664



59.4160, 71.1720, 79.7669

Sweetspot

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



73.9587, 71.1750, 96.2274



90.6420, 93.0247, 107.7859



70.1705, 73.6624, 96.9071



19.2283, 19.6388, 23.0272



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.



73.9587, 71.1750, 96.2274



78.5592, 74.1855, 104.7865



76.9374, 72.7967, 92.4747



16.6456, 16.4755, 20.8453



17.2048, 7.8437, 47.1452



1.6208, 0.7454, 4.1487

Inverse Universe

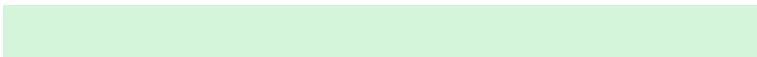
The Inverse Universe completely reimagines the original color for something new.



74.5214, 71.8304, 79.7525



79.3132, 75.0448, 83.5590



72.3242, 84.3109, 78.0765



16.7270, 16.5736, 18.3088



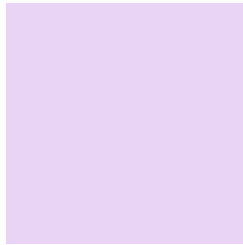
21.1572, 10.8063, 5.5361



1.9053, 0.9681, 0.7275

Previews

White Background



This preview shows how the XYZ color 73.9566, 71.1720, 96.2258 looks on a white background.

Color Contrast Check

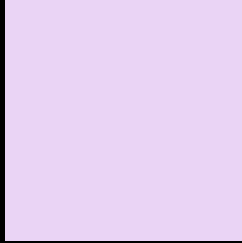
Large Text (above 18pt) WCAG AA × Fail

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 73.9566, 71.1720, 96.2258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

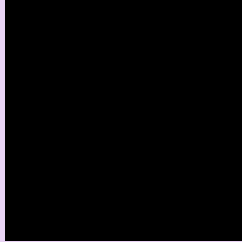
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9566, 71.1720, 96.2258

Background



This preview shows how black text looks on a background with the XYZ color 73.9566, 71.1720, 96.2258.

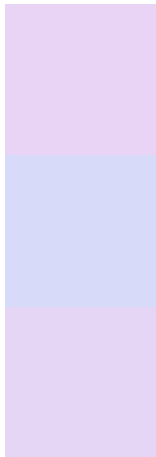


This preview shows how white text looks on a background with the XYZ color 73.9566, 71.1720,

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

73.9566, 71.1720, 96.2258

Protanopia

70.1946, 71.4294, 99.7101

Deuteranopia

72.8411, 71.3437, 96.3178



Tritanopia

71.7491, 71.0185, 85.5277

Trichromacy



Original Color

73.9566, 71.1720, 96.2258

Protanomaly

71.6233, 71.4186, 98.8172

Deuteranomaly

73.2307, 71.1700, 96.2637

Tritanomaly

72.5388, 70.9683, 89.2319

Monochromacy



Original Color

73.9566, 71.1720, 96.2258

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.7184, 72.0247, 85.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9566, 71.1720, 96.2258 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(234, 212, 245)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 245)  
}
```

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(234, 212, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.9566, 71.1720, 96.2258 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(234, 212, 245) }
```


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

```
.border{ border-color:rgb(234, 212, 245) }
```

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

Here you see how a box with a 4 pixel rgb(234, 212, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9566, 71.1720, 96.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 245) }
```

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

```
.background{ background-color: rgb(234,  
212, 245) }
```

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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