

Converting Colors

XYZ(73.7275, 66.6781, 99.7441)

Have a look what the booklet for
XYZ(73.7275, 66.6781, 99.7441)
contains.

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Color

**XYZ(73.5062, 66.5614,
99.4159)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC8FA
RGB	239, 200, 250
RGB Percent	94%, 78%, 98%
CMY	0.0627, 0.2157, 0.0196
CMYK	0.04, 0.20, 0.00, 0.02
HSL	287°, 83%, 88%
HSV	287°, 20%, 98%
XYZ	73.5062, 66.5614, 99.4159
YIQ	217.3610, 7.1940, 23.8180

Conversions

Conversions Part 2

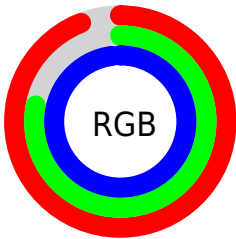
Format	Color
R _Y B	239, 200, 250
Decimal	15714554
CIE Lab	85.28, 22.39, -19.40
CIE LCh	85, 29.627, 319.088
Yxy	66.5614, 0.3069, 0.2779
Android (android.graphics.Color)	4293904634 (0xFFEFC8FA)
YUV	217.3610, 16.0910, 18.9774
Hunter-Lab	81.5852, 18.0500, -15.1384

Details

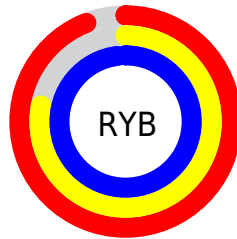
The XYZ color **73.5062, 66.5614, 99.4159** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.4772, 86.3919, 67.5549**, and the grayscale version is **66.0922, 69.5342, 75.7227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4330, 34.4753, 55.0281** is the 20% darker color. If you saturate the color by 10%, you get **66.3548, 54.9724, 97.5569**, and if you desaturate by 10%, it is **81.6649, 80.0786, 101.5960**.

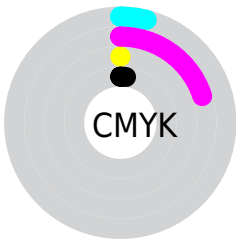
Distribution



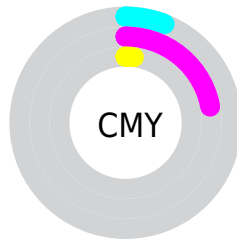
- Red (94%)
- Green (78%)
- Blue (98%)



- Red (94%)
- Yellow (78%)
- Blue (98%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5062, 66.5614, 99.4159 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 73.5062, 66.5614, 99.4159 by changing the saturation by 10% instead.

73.5062, 66.5614,
99.4159

73.5062, 66.5614,
99.4159

461.8440,
448.3820, 579.5490

54.6798, 48.7283,
75.1987

123.1948,
114.2917, 162.3991

39.3783, 34.4040,
55.2729

154.7878,
144.9577, 202.0022

27.2362, 23.2041,
39.2202

191.3670,
180.6701, 247.5710

17.8882, 14.7443,
26.6219

233.2978,
221.8133, 299.5240

10.9689, 8.6401,
17.0596

280.9455,
268.7717, 358.2797

6.1131, 4.5072,
10.1146

334.6756,

2.9553, 1.9611,

321.9297, 424.2568

5.3684

394.8533,
381.6716, 497.8737

■ 1.1302, 0.5847,
2.4025

■ 0.0501, 0.0000,
0.7878

■ 73.5062, 66.5614,
99.4159

■ 73.5062, 66.5614,
99.4159

■ 66.3548, 54.9724,
97.5569

■ 81.6649, 80.0786,
101.5960

■ 60.1581, 45.2107,
95.9993

■ 90.8679, 95.6013,
104.1071

■ 54.8678, 37.1796,
94.7280

■ 94.2555, 99.6822,
104.7163

■ 50.4288, 30.7694,
93.7247

■ 46.7797, 25.8580,
92.9690

■ 43.8502, 22.3057,
92.4377

■ 41.5566, 19.9461,
92.1032

■ 39.7614, 18.5045,
91.9195

■ 39.7611, 18.5043,
91.9195

Harmonies

Analogous

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



67.5709, 66.5614, 113.2221



73.5062, 66.5614, 99.4159



76.7735, 66.5614, 79.6838

Triad

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



73.5062, 66.5614, 99.4159



65.7344, 66.5614, 41.9519



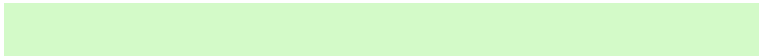
51.8564, 66.5614, 85.2188

Complementary

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



73.5062, 66.5614, 99.4159



71.4772, 86.3919, 67.5549

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.



51.4413, 66.5614, 65.7128



73.5062, 66.5614, 99.4159



59.1453, 66.5614, 42.9045

Square

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



73.5062, 66.5614, 99.4159



72.0804, 66.5614, 48.0186



54.0215, 66.5614, 50.9007



55.1986, 66.5614, 104.0781

Rectangle

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



73.5062, 66.5614, 99.4159



76.8546, 66.5614, 66.8024



54.0215, 66.5614, 50.9007



51.3793, 66.5614, 78.4580

Sweetspot

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



73.5082, 66.5643, 99.4173



89.1343, 89.9908, 107.2798



64.5377, 66.1049, 99.8015



18.9458, 19.0385, 22.9262



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.



73.5082, 66.5643, 99.4173



73.7561, 64.5098, 103.1720



75.3180, 67.7303, 88.9710



17.5975, 17.3207, 21.8010



21.2186, 9.8813, 48.7625



2.0542, 0.9611, 4.5204

Inverse Universe

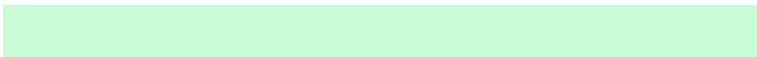
The Inverse Universe completely reimagines the original color for something new.



71.8387, 66.3386, 70.6494



71.7821, 64.2725, 67.8236



70.0600, 85.4733, 75.9811



17.4009, 17.2877, 18.7010



21.3212, 10.9442, 3.1339



2.0125, 1.0287, 0.4892

Previews

White Background



This preview shows how the XYZ color 73.5062, 66.5614, 99.4159 looks on a white background.

Color Contrast Check

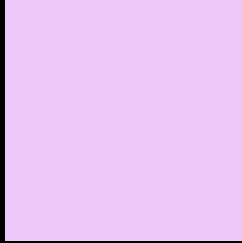
Large Text (above 18pt) WCAG AA × Fail

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 73.5062, 66.5614, 99.4159 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 73.5062, 66.5614, 99.4159

Background



This preview shows how black text looks on a background with the XYZ color 73.5062, 66.5614, 99.4159.

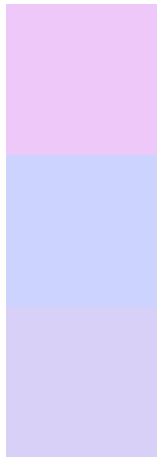


This preview shows how white text looks on a background with the XYZ color 73.5062, 66.5614,

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

73.5062, 66.5614, 99.4159

Protanopia

66.2461, 66.6459, 103.9801

Deuteranopia

68.1144, 66.6408, 98.0799



Tritanopia

69.1434, 66.5453, 77.6069

Trichromacy



Original Color

73.5062, 66.5614, 99.4159

Protanomaly

68.6577, 66.4692, 102.1397

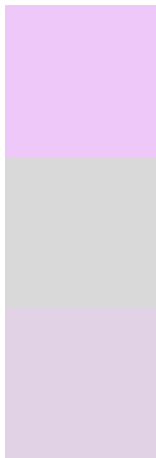
Deuteranomaly

69.9815, 66.5097, 98.7718

Tritanomaly

70.5135, 66.3709, 85.4383

Monochromacy



Original Color

73.5062, 66.5614, 99.4159

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.4885, 68.2532, 83.6932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5062, 66.5614, 99.4159 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(239, 200, 250)` looks like.

```
.text, #text, p{  
    color:rgb(239, 200, 250)  
}
```

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(239, 200, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 200, 250) }
```

Border

The CSS property to change the border of an element to XYZ 73.5062, 66.5614, 99.4159 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(239, 200, 250) }
```


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

```
.border{ border-color:rgb(239, 200, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 200, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 200, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 200, 250);  
box-shadow:4px 4px 4px 4px rgb(239, 200,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5062, 66.5614, 99.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 200, 250) }
```

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

```
.background{ background-color: rgb(239,  
200, 250) }
```

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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