

Converting Colors

XYZ(74.4183, 66.5791,
103.5365)

Have a look what the booklet for
XYZ(74.4183, 66.5791, 103.5365)
contains.

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Color

**XYZ(74.4086, 66.5921,
103.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C7FF
RGB	240, 199, 255
RGB Percent	94%, 78%, 100%
CMY	0.0588, 0.2196, 0.0000
CMYK	0.06, 0.22, 0.00, 0.00
HSL	284°, 100%, 89%
HSV	284°, 22%, 100%
XYZ	74.4086, 66.5921, 103.5395
YIQ	217.6430, 6.4600, 26.1080

Conversions

Conversions Part 2

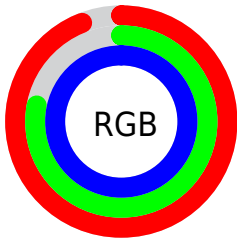
Format	Color
R_{YB}	240, 199, 255
Decimal	15779839
CIE _{Lab}	85.30, 24.19, -22.02
CIE _{LCh}	85, 32.715, 317.689
Yxy	66.5921, 0.3043, 0.2723
Android (android.graphics.Color)	4293969919 (0xFFFF0C7FF)
YUV	217.6430, 18.4170, 19.6071
Hunter-Lab	81.6040, 19.9539, -18.1046

Details

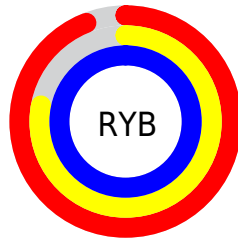
The XYZ color **74.4086, 66.5921, 103.5395** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.8019, 89.9404, 67.5065**, and the grayscale version is **66.2707, 69.7219, 75.9271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0856, 34.5184, 57.9760** is the 20% darker color. If you saturate the color by 10%, you get **66.7511, 54.6539, 101.6388**, and if you desaturate by 10%, it is **83.1402, 80.5469, 105.7729**.

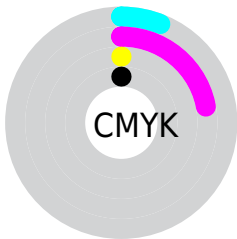
Distribution



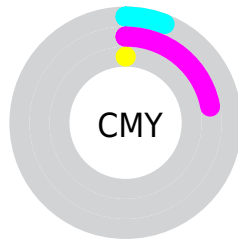
- Red (94%)
- Green (78%)
- Blue (100%)



- Red (94%)
- Yellow (78%)
- Blue (100%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4086, 66.5921, 103.5395 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 74.4086, 66.5921, 103.5395 by changing the saturation by 10% instead.

74.4086, 66.5921,
103.5395

74.4086, 66.5921,
103.5395

464.9109,
448.4915, 592.8253

55.4210, 48.7532,
78.6265

124.4672,
114.3357, 168.1070

39.9741, 34.4238,
58.0693

156.2690,
145.0093, 208.5985

27.7024, 23.2193,
41.4493

193.0729,
180.7298, 255.1200

18.2408, 14.7555,
28.3480

235.2442,
221.8818, 308.0900

11.2237, 8.6480,
18.3468

283.1483,
268.8495, 367.9269

6.2859, 4.5123,
11.0272

337.1505,

3.0620, 1.9641,

322.0174, 435.0495

5.9708

397.6163,
381.7700, 509.8761

■ 1.1866, 0.5865,
2.7588

■ 0.0958, 0.0000,
0.9728

■ 74.4086, 66.5921,
103.5395

■ 74.4086, 66.5921,
103.5395

■ 66.7511, 54.6539,
101.6388

■ 83.1402, 80.5469,
105.7729

■ 60.1120, 44.6255,
100.0531

■ 92.9868, 96.6016,
108.3528

■ 54.4393, 36.4030,
98.7650

95.0500, 100.0000,
108.9000

■ 49.6735, 29.8689,
97.7549

■ 45.7479, 24.8916,
97.0011

■ 42.5861, 21.3194,
96.4783

■ 40.0959, 18.9698,
96.1560

■ 38.4700, 17.7469,
96.0056

Harmonies

Analogous

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



67.7159, 66.5921, 118.6666



74.4086, 66.5921, 103.5395



78.2362, 66.5921, 81.5468

Triad

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



74.4086, 66.5921, 103.5395



66.3760, 66.5921, 39.5397



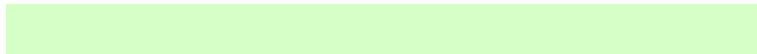
50.6838, 66.5921, 85.6062

Complementary

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



74.4086, 66.5921, 103.5395



73.8019, 89.9404, 67.5065

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.



50.3864, 66.5921, 64.1622



74.4086, 66.5921, 103.5395



59.0685, 66.5921, 40.2038

Square

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



74.4086, 66.5921, 103.5395



73.3621, 66.5921, 46.3570



53.3449, 66.5921, 48.3925



54.1916, 66.5921, 107.0057

Rectangle

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



74.4086, 66.5921, 103.5395



78.4659, 66.5921, 67.1913



53.3449, 66.5921, 48.3925



50.2155, 66.5921, 78.0969

Sweetspot

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



74.4105, 66.5949, 103.5400



87.8805, 88.2397, 107.0079



65.8720, 67.8977, 104.2415



18.6834, 18.6805, 22.8709



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.



74.4105, 66.5949, 103.5400



71.1890, 61.5324, 102.7326



77.8223, 68.5723, 93.8235



18.2902, 18.0413, 22.7683



20.2508, 9.3502, 50.1720



2.0757, 0.9640, 4.8899

Inverse Universe

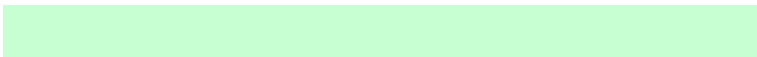
The Inverse Universe completely reimagines the original color for something new.



73.8026, 66.9645, 72.6561



70.5695, 62.0048, 66.9335



71.0897, 88.3729, 75.0292



18.2092, 18.0670, 19.7186



22.1513, 11.3498, 4.1814



2.1999, 1.1223, 0.6341

Previews

White Background



This preview shows how the XYZ color 74.4086, 66.5921, 103.5395 looks on a white background.

Color Contrast Check

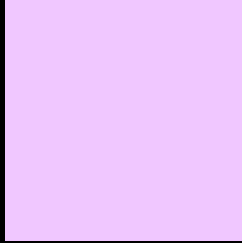
Large Text (above 18pt) WCAG AA × Fail

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 74.4086, 66.5921, 103.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

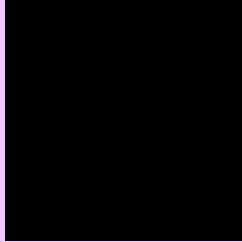
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4086, 66.5921, 103.5395

Background



This preview shows how black text looks on a background with the XYZ color 74.4086, 66.5921, 103.5395.

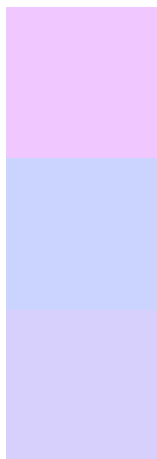


This preview shows how white text looks on a background with the XYZ color 74.4086, 66.5921,

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

74.4086, 66.5921, 103.5395

Protanopia

66.2221, 67.0035, 104.0504

Deuteranopia

68.3098, 66.6507, 102.1931



Tritanopia

69.1434, 66.5453, 77.6069

Trichromacy



Original Color

74.4086, 66.5921, 103.5395



Protanomaly

68.6817, 66.4446, 103.8129



Deuteranomaly

70.4612, 66.6657, 102.9200



Tritanomaly

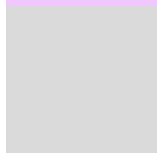
70.9890, 66.5996, 86.2043

Monochromacy



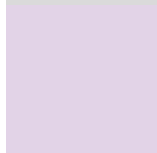
Original Color

74.4086, 66.5921, 103.5395



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.0821, 68.5268, 85.1873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4086, 66.5921, 103.5395 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(240, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 255)  
}
```

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(240, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4086, 66.5921, 103.5395 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(240, 199, 255) }
```


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

```
.border{ border-color:rgb(240, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4086, 66.5921, 103.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 255) }
```

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

```
.background{ background-color: rgb(240,  
199, 255) }
```

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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