

Converting Colors

XYZ(74.1082, 66.4031,
103.5189)

Have a look what the booklet for
XYZ(74.1082, 66.4031, 103.5189)
contains.

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Color

**XYZ(74.0700, 66.4176,
103.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC7FF
RGB	239, 199, 255
RGB Percent	94%, 78%, 100%
CMY	0.0627, 0.2196, 0.0000
CMYK	0.06, 0.22, 0.00, 0.00
HSL	283°, 100%, 89%
HSV	283°, 22%, 100%
XYZ	74.0700, 66.4176, 103.5237
YIQ	217.3440, 5.8640, 25.8960

Conversions

Conversions Part 2

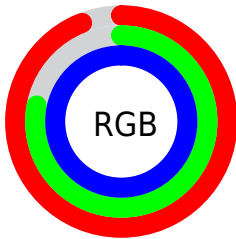
Format	Color
R _Y B	239, 199, 255
Decimal	15714303
CIE Lab	85.21, 23.87, -22.17
CIE LCh	85, 32.577, 317.127
Yxy	66.4176, 0.3036, 0.2722
Android (android.graphics.Color)	4293904383 (0xFFEFC7FF)
YUV	217.3440, 18.5644, 18.9923
Hunter-Lab	81.4970, 19.6132, -18.2668

Details

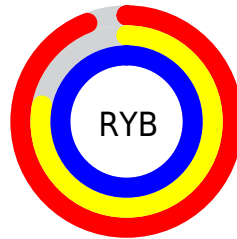
The XYZ color **74.0700, 66.4176, 103.5237** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.0948, 90.0914, 67.5203**, and the grayscale version is **66.0647, 69.5052, 75.6912**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8469, 34.3953, 57.9649** is the 20% darker color. If you saturate the color by 10%, you get **66.2773, 54.4097, 101.6167**, and if you desaturate by 10%, it is **82.9486, 80.4482, 105.7639**.

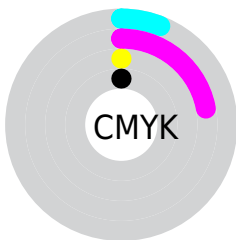
Distribution



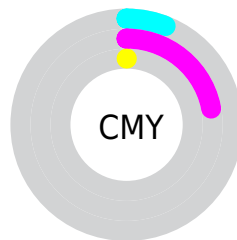
- Red (94%)
- Green (78%)
- Blue (100%)



- 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 74.0700, 66.4176, 103.5237 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 74.0700, 66.4176, 103.5237 by changing the saturation by 10% instead.

74.0700, 66.4176,
103.5237

74.0700, 66.4176,
103.5237

463.7615,
447.8689, 592.7748

55.1428, 48.6115,
78.6133

123.9900,
114.0855, 168.0851

39.7504, 34.3114,
58.0585

155.7135,
144.7161, 208.5733

27.5273, 23.1329,
41.4407

192.4332,
180.3902, 255.0912

18.1083, 14.6917,
28.3413

234.5144,
221.4924, 308.0573

11.1279, 8.6033,
18.3418

282.3225,
268.4069, 367.8901

6.2209, 4.4833,
11.0237

336.2228,

3.0218, 1.9474,

321.5183, 435.0083

5.9684

396.5807,
381.2108, 509.8303

■ 1.1653, 0.5767,
2.7574

■ 0.0787, 0.0000,
0.9721

■ 74.0700, 66.4176,
103.5237

■ 74.0700, 66.4176,
103.5237

■ 66.2773, 54.4097,
101.6167

■ 82.9486, 80.4482,
105.7639

■ 59.5149, 44.3177,
100.0251

■ 92.9542, 96.5849,
108.3513

■ 53.7301, 36.0374,
98.7318

95.0500, 100.0000,
108.9000

■ 48.8635, 29.4514,
97.7170

■ 44.8482, 24.4278,
96.9590

■ 41.6074, 20.8149,
96.4325

■ 39.0488, 18.4300,
96.1070

■ 37.3754, 17.1826,
95.9544

Harmonies

Analogous

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



67.3849, 66.4176, 118.3412



74.0700, 66.4176, 103.5237



77.9431, 66.4176, 81.7221

Triad

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



74.0700, 66.4176, 103.5237



66.3316, 66.4176, 39.5826



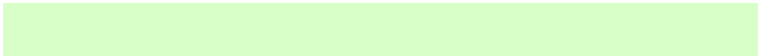
50.5541, 66.4176, 84.9128

Complementary

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



74.0700, 66.4176, 103.5237



74.0948, 90.0914, 67.5203

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.



50.3202, 66.4176, 63.6636



74.0700, 66.4176, 103.5237



59.0541, 66.4176, 40.1055

Square

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



74.0700, 66.4176, 103.5237



73.2474, 66.4176, 46.5103



53.3203, 66.4176, 48.1121



53.9862, 66.4176, 106.2470

Rectangle

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



74.0700, 66.4176, 103.5237



78.2268, 66.4176, 67.4080



53.3203, 66.4176, 48.1121



50.1088, 66.4176, 77.4597

Sweetspot

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



74.0719, 66.4204, 103.5241



87.7662, 88.1808, 107.0026



66.1102, 68.3741, 104.3209



18.6568, 18.6668, 22.8697



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.



74.0719, 66.4204, 103.5241



70.7943, 61.3290, 102.7142



77.9636, 68.6289, 94.5672



18.2573, 18.0244, 22.7667



19.6839, 9.0579, 50.1455



2.0242, 0.9374, 4.8875

Inverse Universe

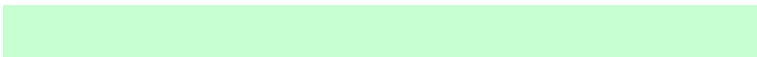
The Inverse Universe completely reimagines the original color for something new.



73.9309, 67.0158, 73.3312



70.7144, 62.0627, 67.6965



70.9730, 88.3262, 74.4143



18.2227, 18.0724, 19.7901



22.2298, 11.3812, 4.5948



2.2091, 1.1260, 0.6824

Previews

White Background



This preview shows how the XYZ color 74.0700, 66.4176, 103.5237 looks on a white background.

Color Contrast Check

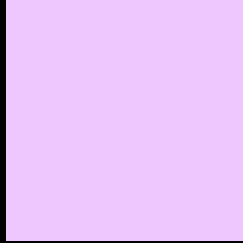
Large Text (above 18pt) WCAG AA × Fail

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 74.0700, 66.4176, 103.5237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

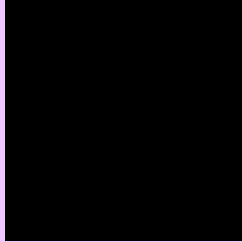
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0700, 66.4176, 103.5237

Background



This preview shows how black text looks on a background with the XYZ color 74.0700, 66.4176, 103.5237.

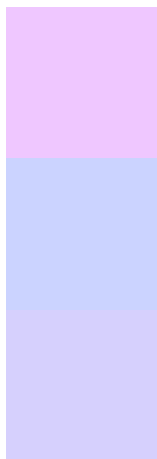


This preview shows how white text looks on a background with the XYZ color 74.0700, 66.4176,

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

74.0700, 66.4176, 103.5237

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

68.0171, 66.4997, 102.1794



Tritanopia

68.8142, 66.3755, 77.5915

Trichromacy



Original Color

74.0700, 66.4176, 103.5237

Protanomaly

68.6817, 66.4446, 103.8129

Deuteranomaly

70.1521, 66.5064, 102.9055

Tritanomaly

70.6560, 66.4279, 86.1887

Monochromacy



Original Color

74.0700, 66.4176, 103.5237

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.5217, 67.8703, 85.0901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0700, 66.4176, 103.5237 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0700, 66.4176, 103.5237 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, 199, 255) }
```


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

```
.border{ border-color:rgb(239, 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(239, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0700, 66.4176, 103.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 255) }
```

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

```
.background{ background-color: rgb(239,  
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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