

Converting Colors

XYZ(74.5182, 66.0007, 96.0016)

Have a look what the booklet for
XYZ(74.5182, 66.0007, 96.0016)
contains.

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Color

**XYZ(74.6068, 66.1792,
96.0304)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6C5F6 |
| RGB | 246, 197, 246 |
| RGB Percent | 96%, 77%, 96% |
| CMY | 0.0353, 0.2274, 0.0353 |
| CMYK | 0.00, 0.20, 0.00, 0.04 |
| HSL | 300°, 73%, 87% |
| HSV | 300°, 20%, 96% |
| XYZ | 74.6068, 66.1792, 96.0304 |
| YIQ | 217.2370, 13.4750, 25.6270 |

Conversions

Conversions Part 2

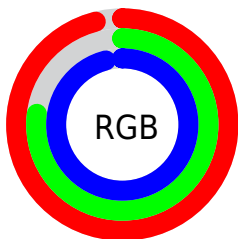
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 246, 197, 246 |
| Decimal | 16172534 |
| CIE _{Lab} | 85.09, 25.51, -17.51 |
| CIE _{LCh} | 85, 30.938, 325.531 |
| Y _{xy} | 66.1792, 0.3150, 0.2795 |
| Android (android.graphics.Color) | 4294362614 (0xFFFF6C5F6) |
| YUV | 217.2370, 14.1802, 25.2252 |
| Hunter-Lab | 81.3506, 21.3392, -13.0435 |

Details

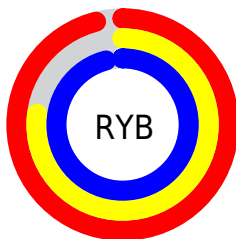
The XYZ color **74.6068, 66.1792, 96.0304** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.0624, 81.8150, 65.1369**, and the grayscale version is **66.0169, 69.4549, 75.6364**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **40.1030, 34.1814, 53.1992** is the 20% darker color. If you saturate the color by 10%, you get **69.4711, 55.9066, 94.3192**, and if you desaturate by 10%, it is **80.6580, 78.2804, 98.0483**.

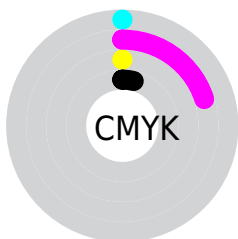
Distribution



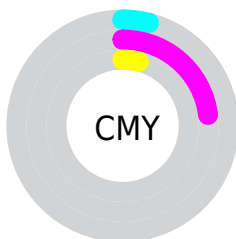
- Red (96%)
- Green (77%)
- Blue (96%)



- Red (96%)
- Yellow (77%)
- Blue (96%)



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





- Cyan (4%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6068, 66.1792, 96.0304 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 74.6068, 66.1792, 96.0304 by changing the saturation by 10% instead.


 74.6068, 66.1792,
96.0304

 74.6068, 66.1792,
96.0304


465.5830,
447.0175, 568.5268

 55.5839, 48.4179,
72.3913


124.7465,
113.7435, 157.6952

 40.1051, 34.1579,
52.9896

156.5940,
144.3153, 196.5579

 27.8050, 23.0150,
37.4068


193.4470,
179.9260, 241.3322

 18.3185, 14.6046,
25.2243

235.6710,
220.9600, 292.4367

 11.2799, 8.5423,
16.0237

283.6312,
267.8018, 350.2898

 6.3241, 4.4439,
9.3864


337.6930,


 3.0857, 1.9248,


320.8357, 415.3102


4.8938


398.2219,
380.4461, 487.9164


 1.1992, 0.5632,
2.1275


 0.1058, 0.0000,
0.6320


 74.6068, 66.1792,
96.0304


 74.6068, 66.1792,
96.0304


 69.4711, 55.9066,
94.3192


 80.6580, 78.2804,
98.0483


 65.2006, 47.3658,
92.8956

 87.6598, 92.2839,
100.3823

 61.7497, 40.4639,
91.7452

 90.4013, 97.7670,
101.2963

 59.0657, 35.0960,
90.8504

 90.4013, 97.7670,
101.2963

57.0903, 31.1452,
90.1919

90.4013, 97.7670,
101.2964

55.7565, 28.4776,
89.7472

90.4014, 97.7670,
101.2965

54.9846, 26.9339,
89.4898

90.4014, 97.7670,
101.2966

54.6433, 26.2514,
89.3760

90.4014, 97.7670,
101.2967

54.6411, 26.2469,
89.3752

90.4014, 97.7670,
101.2968

Harmonies

Analogous

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



68.8546, 66.1792, 112.5260



74.6068, 66.1792, 96.0304



77.2271, 66.1792, 75.0897

Triad

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



74.6068, 66.1792, 96.0304



63.9512, 66.1792, 40.1727



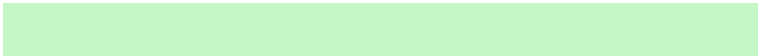
51.5691, 66.1792, 89.8938

Complementary

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



74.6068, 66.1792, 96.0304



66.0624, 81.8150, 65.1369

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.



50.4667, 66.1792, 69.1088



74.6068, 66.1792, 96.0304



57.3015, 66.1792, 42.6822

Square

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



74.6068, 66.1792, 96.0304



70.7933, 66.1792, 44.8262



52.4891, 66.1792, 52.4491



55.6188, 66.1792, 108.5489

Rectangle

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



74.6068, 66.1792, 96.0304



76.7140, 66.1792, 62.2641



52.4891, 66.1792, 52.4491



50.8549, 66.1792, 82.8284

Sweetspot

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



74.6088, 66.1821, 96.0318



90.3618, 90.6237, 107.3372



59.6298, 58.4601, 95.3310



19.2369, 19.1886, 22.9398



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.



74.6088, 66.1821, 96.0318



78.5373, 66.9746, 103.3955



71.0924, 64.7755, 77.5149



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7045



2.5633, 1.2313, 4.1928

Inverse Universe

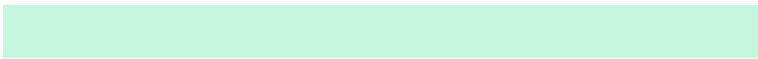
The Inverse Universe completely reimagines the original color for something new.



74.6088, 66.1821, 96.0318



78.5373, 66.9746, 103.3955



69.1020, 83.0308, 81.1434



17.2137, 16.7683, 20.8719



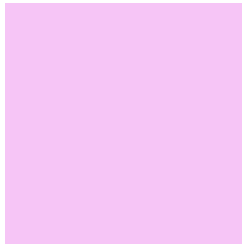
29.1650, 14.0094, 47.7045



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 74.6068, 66.1792, 96.0304 looks on a white background.

Color Contrast Check

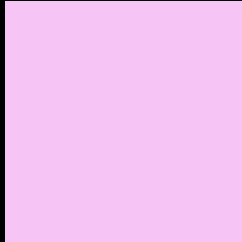
Large Text (above 18pt) WCAG AA × Fail

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 74.6068, 66.1792, 96.0304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

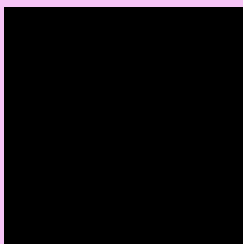
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6068, 66.1792, 96.0304

Background



This preview shows how black text looks on a background with the XYZ color 74.6068, 66.1792, 96.0304.



This preview shows how white text looks on a background with the XYZ color 74.6068, 66.1792,

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

74.6068, 66.1792, 96.0304

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

67.8554, 66.2174, 94.7928



Tritanopia

70.3934, 66.1803, 75.3936

Trichromacy



Original Color

74.6068, 66.1792, 96.0304

Protanomaly

68.8554, 66.2310, 101.2502

Deuteranomaly

70.1505, 65.9625, 95.4209

Tritanomaly

71.6200, 65.9647, 82.3565

Monochromacy



Original Color

74.6068, 66.1792, 96.0304

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

69.0451, 68.1886, 82.9214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6068, 66.1792, 96.0304 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(246, 197, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 246)  
}
```

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(246, 197, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 246) }
```

Border

The CSS property to change the border of an element to XYZ 74.6068, 66.1792, 96.0304 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(246, 197, 246) }
```


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

```
.border{ border-color:rgb(246, 197, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 197, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6068, 66.1792, 96.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 246) }
```

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

```
.background{ background-color: rgb(246,  
197, 246) }
```

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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