

# Converting Colors

XYZ(74.6317, 66.4584, 97.1969)

Have a look what the booklet for  
XYZ(74.6317, 66.4584, 97.1969)  
contains.

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# Color

**XYZ(74.6388, 66.5160,  
96.9007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C6F7
RGB	245, 198, 247
RGB Percent	96%, 78%, 97%
CMY	0.0392, 0.2235, 0.0314
CMYK	0.01, 0.20, 0.00, 0.03
HSL	298°, 75%, 87%
HSV	298°, 20%, 97%
XYZ	74.6388, 66.5160, 96.9007
YIQ	217.6390, 12.2830, 25.2030

# Conversions

## Conversions Part 2

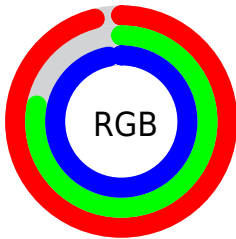
Format	Color
R <sub>Y</sub> B	245, 198, 247
Decimal	16107255
CIE Lab	85.26, 24.83, -17.79
CIE LCh	85, 30.550, 324.380
Yxy	66.5160, 0.3135, 0.2794
Android (android.graphics.Color)	4294297335 (0xFFFF5C6F7)
YUV	217.6390, 14.4750, 23.9956
Hunter-Lab	81.5573, 20.6324, -13.3541

# Details

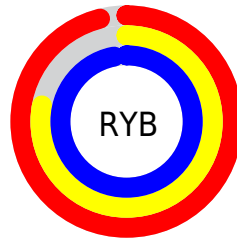
The XYZ color **74.6388, 66.5160, 96.9007** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2755, 82.8798, 65.8809**, and the grayscale version is **66.2914, 69.7437, 75.9509**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1163, 34.3995, 53.8156** is the 20% darker color. If you saturate the color by 10%, you get **69.0970, 55.9518, 95.1547**, and if you desaturate by 10%, it is **81.1072, 78.9282, 98.9566**.

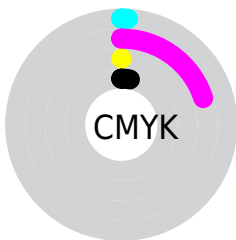
# Distribution



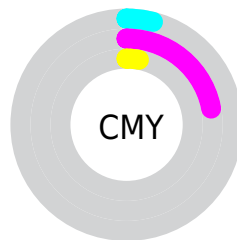
- Red (96%)
- Green (78%)
- Blue (97%)



- Red (96%)
- Yellow (78%)
- Blue (97%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (22%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6388, 66.5160, 96.9007 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 74.6388, 66.5160, 96.9007 by changing the saturation by 10% instead.



74.6388, 66.5160,  
96.9007

74.6388, 66.5160,  
96.9007

465.6915,  
448.2200, 571.3712

55.6102, 48.6914,  
73.1123

124.7916,  
114.2266, 158.9060

40.1262, 34.3747,  
53.5754

156.6464,  
144.8814, 197.9600

27.8216, 23.1816,  
37.8715

193.5074,  
180.5817, 242.9396

18.3310, 14.7277,  
25.5819

235.7399,  
221.7120, 294.2634

11.2890, 8.6285,  
16.2882

283.7091,  
268.6565, 352.3500

6.3303, 4.4997,  
9.5717

337.7806,

3.0895, 1.9568,

321.7998, 417.6177

5.0141

398.3196,  
381.5262, 490.4853

■ 1.2013, 0.5822,  
2.1966

■ 0.1074, 0.0000,  
0.6724

■ 74.6388, 66.5160,  
96.9007

■ 74.6388, 66.5160,  
96.9007

■ 69.0970, 55.9518,  
95.1547

■ 81.1072, 78.9282,  
98.9566

■ 64.4310, 47.1378,  
93.6993

■ 88.5377, 93.2627,  
101.3318

■ 60.5948, 39.9803,  
92.5200

■ 91.2692, 98.1966,  
102.1401

■ 57.5353, 34.3735,  
91.5990

■ 91.6276, 98.3814,  
102.1569

■ 55.1936, 30.1993,  
90.9167

■ 91.9880, 98.5672,  
102.1738

■ 53.5021, 27.3227,  
90.4506

■ 92.3502, 98.7539,  
102.1907

■ 52.3804, 25.5830,  
90.1740

■ 92.7144, 98.9417,  
102.2078

■ 51.6975, 24.7181,  
90.0430

■ 93.0806, 99.1304,  
102.2249

■ 51.6876, 24.7065,  
90.0413

■ 93.4486, 99.3202,  
102.2421

# Harmonies

## Analogous

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



68.8614, 66.5160, 112.8666



74.6388, 66.5160, 96.9007



77.3748, 66.5160, 76.2118

# Triad

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



74.6388, 66.5160, 96.9007



64.5303, 66.5160, 40.7941



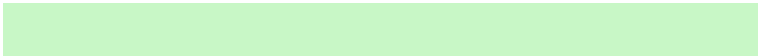
51.8843, 66.5160, 89.2800

# Complementary

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



74.6388, 66.5160, 96.9007



67.2755, 82.8798, 65.8809

# 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.



50.9087, 66.5160, 68.7651



74.6388, 66.5160, 96.9007



57.8982, 66.5160, 43.0212

# Square

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



74.6388, 66.5160, 96.9007



71.2726, 66.5160, 45.7060



53.0322, 66.5160, 52.4618



55.8007, 66.5160, 107.9359



# Rectangle

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



74.6388, 66.5160, 96.9007



76.9726, 66.5160, 63.3864



53.0322, 66.5160, 52.4618



51.2141, 66.5160, 82.2836

# Sweetspot

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



74.6408, 66.5189, 96.9021



90.1325, 90.5055, 107.3265



60.8386, 60.2417, 96.4180



19.1824, 19.1605, 22.9373



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.



74.6408, 66.5189, 96.9021



77.6244, 66.5040, 103.3530



72.1377, 65.5987, 80.0604



17.1429, 16.7318, 20.8686



27.3663, 13.0822, 47.6208



2.4256, 1.1603, 4.1864



# Inverse Universe

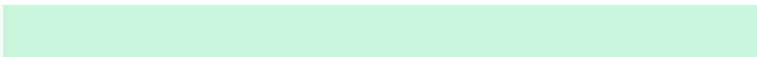
The Inverse Universe completely reimagines the original color for something new.



68.9794, 64.3353, 63.4289



70.4850, 63.7537, 60.9930



69.4766, 83.6989, 80.2410



16.5265, 16.4935, 17.2533



20.3278, 10.4745, 1.1685



1.7961, 0.9244, 0.1525



# Previews

## White Background



This preview shows how the XYZ color 74.6388, 66.5160, 96.9007 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

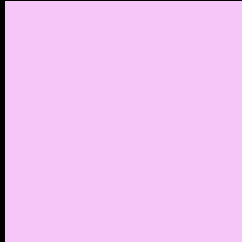
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.6388, 66.5160, 96.9007 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 74.6388, 66.5160, 96.9007**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.6388, 66.5160, 96.9007.



This preview shows how white text looks on a background with the XYZ color 74.6388, 66.5160,



# 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

74.6388, 66.5160, 96.9007

### Protanopia

66.2461, 66.6459, 103.9801

### Deuteranopia

68.2507, 66.7644, 95.6758



## **Tritanopia**

70.4177, 66.5271, 76.1474

# Trichromacy



## Original Color

74.6388, 66.5160, 96.9007



## Protanomaly

68.8554, 66.2310, 101.2502



## Deuteranomaly

70.2223, 66.3335, 96.2913



## Tritanomaly

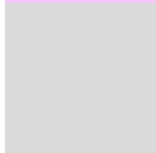
71.6475, 66.3077, 83.1512

# Monochromacy



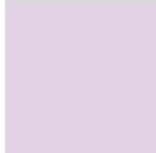
## Original Color

74.6388, 66.5160, 96.9007



## Achromatopsia

66.6397, 70.1102, 76.3500



## Achromatomaly

69.4320, 68.7397, 83.7374

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.6388, 66.5160, 96.9007 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(245, 198, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 247)  
}
```

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(245, 198, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 247) }
```

## Border

The CSS property to change the border of an element to XYZ 74.6388, 66.5160, 96.9007 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(245, 198, 247) }
```



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

```
.border{ border-color:rgb(245, 198, 247) }
```

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

Here you see how a box with a 4 pixel rgb(245, 198, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
247) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.6388, 66.5160, 96.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 247) }
```

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

```
.background{ background-color: rgb(245,  
198, 247) }
```

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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