

# Converting Colors

XYZ(74.4449, 64.7674, 95.8945)

Have a look what the booklet for  
XYZ(74.4449, 64.7674, 95.8945)  
contains.

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# Color

**XYZ(74.4159, 64.7502,  
95.7647)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F8C1F6                     |
| RGB           | 248, 193, 246              |
| RGB Percent   | 97%, 76%, 96%              |
| CMY           | 0.0274, 0.2431, 0.0353     |
| CMYK          | 0.00, 0.22, 0.01, 0.03     |
| HSL           | 302°, 80%, 86%             |
| HSV           | 302°, 22%, 97%             |
| XYZ           | 74.4159, 64.7502, 95.7647  |
| YIQ           | 215.4870, 15.7670, 28.1430 |

# Conversions

## Conversions Part 2

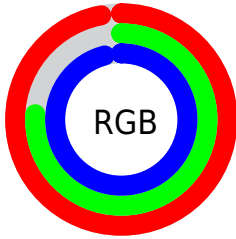
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 248, 193, 246                 |
| Decimal                             | 16302582                      |
| CIE Lab                             | 84.35, 28.27, -18.60          |
| CIE LCh                             | 84, 33.839, 326.664           |
| Yxy                                 | 64.7502, 0.3168,<br>0.2756    |
| Android<br>(android.graphics.Color) | 4294492662<br>(0xFFFF8C1F6)   |
| YUV                                 | 215.4870, 15.0429,<br>28.5139 |
| Hunter-Lab                          | 80.4675, 24.2577,<br>-14.2340 |

# Details

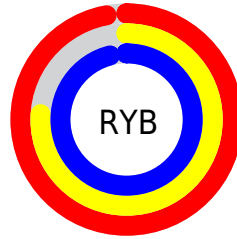
The XYZ color **74.4159, 64.7502, 95.7647** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.4126, 82.4143, 64.0932**, and the grayscale version is **64.8167, 68.1923, 74.2614**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **40.0127, 33.2593, 53.0260** is the 20% darker color. If you saturate the color by 10%, you get **69.2491, 54.6365, 93.3617**, and if you desaturate by 10%, it is **80.5066, 76.7083, 98.4804**.

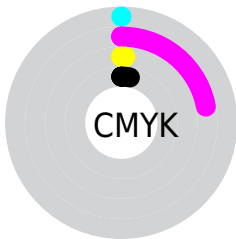
# Distribution



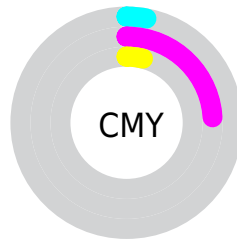
- Red (97%)
- Green (76%)
- Blue (96%)



- Red (97%)
- Yellow (76%)
- Blue (96%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4159, 64.7502, 95.7647 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 74.4159, 64.7502, 95.7647 by changing the saturation by 10% instead.



74.4159, 64.7502,  
95.7647

74.4159, 64.7502,  
95.7647

464.9357,  
441.8938, 567.6569

55.4270, 47.2586,  
72.1712

124.4775,  
111.6906, 157.3253

39.9789, 33.2401,  
52.8108

156.2810,  
141.9082, 196.1295

27.7062, 22.3104,  
37.2651

193.0866,  
177.1366, 240.8410

18.2436, 14.0852,  
25.1154

235.2599,  
217.7601, 291.8783

11.2258, 8.1799,  
15.9433

283.1660,  
264.1632, 349.6600

6.2873, 4.2103,  
9.3301

337.1705,

3.0629, 1.7919,

316.7302, 414.6047

4.8574

397.6386,  
375.8456, 487.1308

■ 1.1871, 0.4821,  
2.1065

■ 0.0962, 0.0000,  
0.6197

■ 74.4159, 64.7502,  
95.7647

■ 74.4159, 64.7502,  
95.7647

■ 69.2491, 54.6365,  
93.3617

■ 80.5066, 76.7083,  
98.4804

■ 64.9544, 46.2672,  
91.2520

■ 87.5578, 90.5875,  
101.5190

■ 61.4841, 39.5455,  
89.4203

■ 91.5252, 98.2980,  
103.5329

■ 58.7835, 34.3620,  
87.8486

■ 91.6660, 98.3544,  
104.2746

56.7910, 30.5938,  
86.5162

91.8076, 98.4110,  
105.0199

55.4361, 28.0997,  
85.3996

91.9498, 98.4679,  
105.7688

54.6334, 26.7090,  
84.4703

92.0927, 98.5250,  
106.5212

54.2891, 26.1876,  
83.8402

92.2362, 98.5825,  
107.2772

92.3805, 98.6402,  
108.0368

# Harmonies

## Analogous

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



68.2549, 64.7502, 114.3050



74.4159, 64.7502, 95.7647



77.1175, 64.7502, 72.9366

# Triad

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



74.4159, 64.7502, 95.7647



62.3875, 64.7502, 36.7449



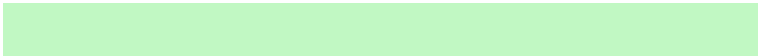
49.5170, 64.7502, 90.7415

# Complementary

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



74.4159, 64.7502, 95.7647



65.4126, 82.4143, 64.0932

# 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.



48.2209, 64.7502, 68.1221



74.4159, 64.7502, 95.7647



55.2864, 64.7502, 39.6204

# Square

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



74.4159, 64.7502, 95.7647



69.8266, 64.7502, 41.2823



50.2477, 64.7502, 50.1256



53.9421, 64.7502, 111.0150



# Rectangle

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



74.4159, 64.7502, 95.7647



76.4429, 64.7502, 59.2931



50.2477, 64.7502, 50.1256



48.7174, 64.7502, 83.0413

# Sweetspot

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



74.4179, 64.7530, 95.7661



89.5133, 89.0935, 106.5396



58.4788, 56.5004, 96.6317



19.0625, 18.8788, 22.7620



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.



74.4179, 64.7530, 95.7661



76.4799, 63.5008, 100.7339



70.5260, 63.1963, 75.2715



17.9642, 17.5130, 21.6670



29.3385, 14.1511, 45.3526



2.7255, 1.3140, 4.2441



# Inverse Universe

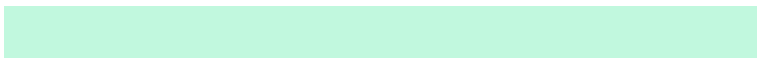
The Inverse Universe completely reimagines the original color for something new.



74.4179, 64.7530, 95.7661



76.4799, 63.5008, 100.7339



68.7916, 83.7659, 81.8869



17.9642, 17.5130, 21.6670



29.3385, 14.1511, 45.3526



2.7255, 1.3140, 4.2441



# Previews

## White Background



This preview shows how the XYZ color 74.4159, 64.7502, 95.7647 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

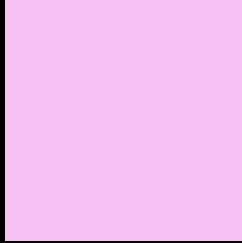
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4159, 64.7502, 95.7647 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

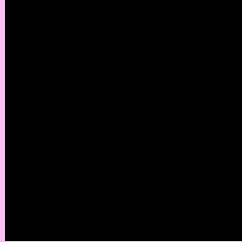
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.4159, 64.7502, 95.7647**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4159, 64.7502, 95.7647.



This preview shows how white text looks on a background with the XYZ color 74.4159, 64.7502,

95.7647.

# 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

74.4159, 64.7502, 95.7647

### Protanopia

64.6699, 65.1003, 103.7649

### Deuteranopia

66.7193, 65.2732, 94.6704



## Tritanopia

69.8692, 64.9350, 72.4695

# Trichromacy



## Original Color

74.4159, 64.7502, 95.7647



## Protanomaly

67.5419, 64.4919, 100.9838



## Deuteranomaly

69.3630, 64.8598, 95.2496



## Tritanomaly

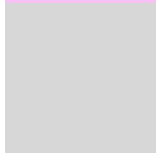
71.3499, 64.8360, 80.7056

# Monochromacy



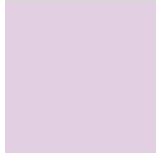
## Original Color

74.4159, 64.7502, 95.7647



## Achromatopsia

64.5905, 67.9542, 74.0022



## Achromatomaly

67.7188, 66.4475, 81.2080

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4159, 64.7502, 95.7647 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(248, 193, 246)` looks like.

```
.text, #text, p{  
    color:rgb(248, 193, 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(248, 193, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 193, 246) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4159, 64.7502, 95.7647 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(248, 193, 246) }
```



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

```
.border{ border-color:rgb(248, 193, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 193, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 193, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 193, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 193,  
246) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4159, 64.7502, 95.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 193, 246) }
```

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

```
.background{ background-color: rgb(248,  
193, 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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