

# Converting Colors

XYZ(74.2653, 67.5222, 93.5439)

Have a look what the booklet for  
XYZ(74.2653, 67.5222, 93.5439)  
contains.

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# Color

**XYZ(74.3725, 67.4774,  
93.8986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4C9F3
RGB	244, 201, 243
RGB Percent	96%, 79%, 95%
CMY	0.0431, 0.2117, 0.0471
CMYK	0.00, 0.18, 0.00, 0.04
HSL	301°, 66%, 87%
HSV	301°, 18%, 96%
XYZ	74.3725, 67.4774, 93.8986
YIQ	218.6450, 12.1460, 22.1780

# Conversions

## Conversions Part 2

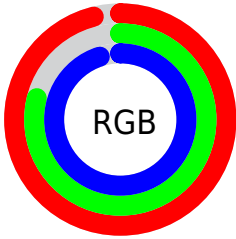
Format	Color
<a href="#">RYB</a>	<a href="#">244, 201, 243</a>
Decimal	<a href="#">16042483</a>
CIELab	<a href="#">85.74, 22.19, -14.95</a>
CIELCh	<a href="#">86, 26.757, 326.038</a>
Yxy	<a href="#">67.4774, 0.3155, 0.2862</a>
Android (android.graphics.Color)	<a href="#">4294232563</a> <a href="#">(0xFFFF4C9F3)</a>
YUV	<a href="#">218.6450, 12.0070, 22.2363</a>
Hunter-Lab	<a href="#">82.1446, 17.8581, -10.2725</a>

# Details

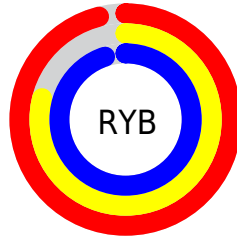
The XYZ color **74.3725, 67.4774, 93.8986** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.1014, 81.3851, 68.0530**, and the grayscale version is **67.0014, 70.4907, 76.7643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8969, 35.0201, 51.6705** is the 20% darker color. If you saturate the color by 10%, you get **69.0453, 56.9588, 91.7013**, and if you desaturate by 10%, it is **80.6075, 79.8089, 96.4013**.

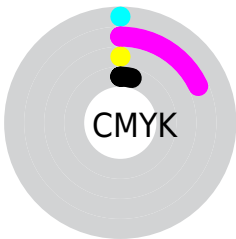
# Distribution



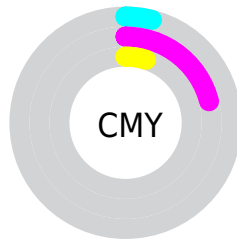
- Red (96%)
- Green (79%)
- Blue (95%)



- Red (96%)
- Yellow (79%)
- Blue (95%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (21%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3725, 67.4774, 93.8986 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 74.3725, 67.4774, 93.8986 by changing the saturation by 10% instead.



74.3725, 67.4774,  
93.8986

74.3725, 67.4774,  
93.8986

464.7885,  
451.6422, 561.5269

55.3913, 49.4727,  
70.6268

124.4164,  
115.6042, 154.7246

39.9502, 34.9946,  
51.5577

156.2098,  
146.4951, 193.1158

27.6838, 23.6587,  
36.2729

193.0047,  
182.4502, 237.3839

18.2266, 15.0806,  
24.3537

235.1664,  
223.8538, 287.9475

11.2135, 8.8760,  
15.3815

283.0603,  
271.0905, 345.2250

6.2790, 4.6604,  
8.9380

337.0517,

3.0577, 2.0494,

324.5445, 409.6351

4.6045

397.5059,  
384.6003, 481.5962

■ 1.1844, 0.6359,  
1.9625

■ 0.0940, 0.0000,  
0.5321

■ 74.3725, 67.4774,  
93.8986

■ 74.3725, 67.4774,  
93.8986

■ 69.0453, 56.9588,  
91.7013

■ 80.6075, 79.8089,  
96.4013

■ 64.5772, 48.1592,  
89.7909

■ 87.7839, 94.0239,  
99.2184

■ 60.9243, 40.9896,  
88.1536

■ 89.5051, 97.3279,  
100.2184

■ 58.0363, 35.3494,  
86.7725

■ 89.5918, 97.3626,  
100.6749

55.8575, 31.1270,  
85.6291

89.6787, 97.3973,  
101.1327

54.3243, 28.1956,  
84.7022

89.7659, 97.4322,  
101.5920

53.3623, 26.4059,  
83.9671

89.8534, 97.4672,  
102.0527

52.8721, 25.5595,  
83.3904

89.9411, 97.5023,  
102.5148

52.7892, 25.4255,  
83.2647

90.0292, 97.5375,  
102.9782

# Harmonies

## Analogous

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



69.4274, 67.4774, 108.0074



74.3725, 67.4774, 93.8986



76.5733, 67.4774, 75.8192

# Triad

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



74.3725, 67.4774, 93.8986



64.9499, 67.4774, 44.7771



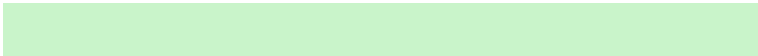
54.1554, 67.4774, 89.2390

# Complementary

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



74.3725, 67.4774, 93.8986



67.1014, 81.3851, 68.0530

# 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.



53.1228, 67.4774, 71.1726



74.3725, 67.4774, 93.8986



59.1191, 67.4774, 47.2150

# Square

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



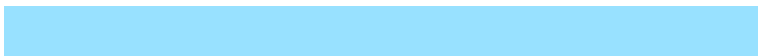
74.3725, 67.4774, 93.8986



70.9192, 67.4774, 48.9662



54.8834, 67.4774, 56.2449



57.7983, 67.4774, 105.0316



# Rectangle

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



74.3725, 67.4774, 93.8986



76.0917, 67.4774, 64.5694



54.8834, 67.4774, 56.2449



53.5018, 67.4774, 83.1562

# Sweetspot

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



74.3745, 67.4803, 93.9001



91.0689, 92.1141, 107.3375



61.4993, 60.8254, 94.0883



19.3773, 19.4881, 22.9292



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.



74.3745, 67.4803, 93.9001



80.0817, 70.3834, 102.9242



71.3529, 66.2717, 77.9886



17.1960, 16.7613, 20.7787



28.7110, 13.8278, 45.3139



2.5286, 1.2174, 4.0101



# Inverse Universe

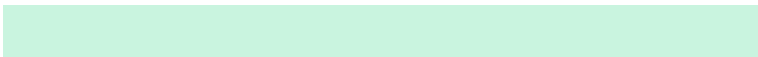
The Inverse Universe completely reimagines the original color for something new.



74.3745, 67.4803, 93.9001



80.0817, 70.3834, 102.9242



69.7890, 82.4602, 82.2059



17.1960, 16.7613, 20.7787



28.7110, 13.8278, 45.3139



2.5286, 1.2174, 4.0101



# Previews

## White Background



This preview shows how the XYZ color 74.3725, 67.4774, 93.8986 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

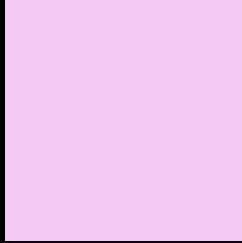
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.3725, 67.4774, 93.8986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

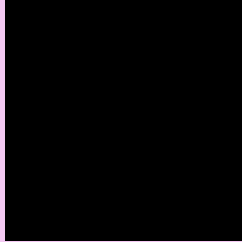
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.3725, 67.4774, 93.8986**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.3725, 67.4774, 93.8986.



This preview shows how white text looks on a background with the XYZ color 74.3725, 67.4774,



# 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

74.3725, 67.4774, 93.8986

### Protanopia

66.9390, 67.8189, 100.8291

### Deuteranopia

69.1091, 67.6398, 92.6324



## Tritanopia

71.1581, 67.5839, 77.7012

# Trichromacy



## Original Color

74.3725, 67.4774, 93.8986



## Protanomaly

69.2589, 67.5939, 98.2035



## Deuteranomaly

71.0533, 67.5423, 93.2965



## Tritanomaly

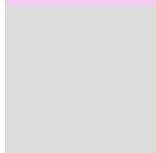
72.3537, 67.7201, 83.3866

# Monochromacy



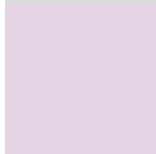
## Original Color

74.3725, 67.4774, 93.8986



## Achromatopsia

67.3311, 70.8376, 77.1421



## Achromatomaly

69.5420, 69.1824, 83.0871

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.3725, 67.4774, 93.8986 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(244, 201, 243) looks like.

```
.text, #text, p{  
    color:rgb(244, 201, 243)  
}
```

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(244, 201, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 201, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 74.3725, 67.4774, 93.8986 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(244, 201, 243) }
```



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

```
.border{ border-color:rgb(244, 201, 243) }
```

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

Here you see how a box with a 4 pixel rgb(244, 201, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 201, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 201, 243);  
box-shadow:4px 4px 4px 4px rgb(244, 201,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.3725, 67.4774, 93.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 201, 243) }
```

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

```
.background{ background-color: rgb(244,  
201, 243) }
```

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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