

# Converting Colors

XYZ(74.5080, 68.8207, 87.2430)

Have a look what the booklet for  
XYZ(74.5080, 68.8207, 87.2430)  
contains.

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# Color

**XYZ(74.4502, 68.7191,  
87.1821)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6CCEA
RGB	246, 204, 234
RGB Percent	96%, 80%, 92%
CMY	0.0353, 0.2000, 0.0823
CMYK	0.00, 0.17, 0.05, 0.04
HSL	317°, 70%, 88%
HSV	317°, 17%, 96%
XYZ	74.4502, 68.7191, 87.1821
YIQ	219.9780, 15.4020, 18.2340

# Conversions

## Conversions Part 2

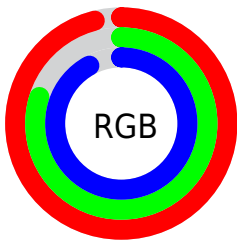
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 204, 234
Decimal	16174314
CIE Lab	86.36, 19.68, -9.23
CIE LCh	86, 21.734, 334.880
Yxy	68.7191, 0.3232, 0.2983
Android (android.graphics.Color)	4294364394 (0xFFFF6CCEA)
YUV	219.9780, 6.9128, 22.8213
Hunter-Lab	82.8970, 15.2420, -4.3269

# Details

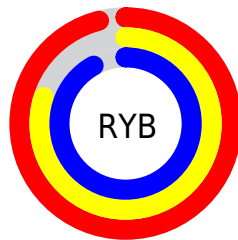
The XYZ color **74.4502, 68.7191, 87.1821** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2550, 83.7087, 77.4242**, and the grayscale version is **67.9597, 71.4989, 77.8623**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9285, 35.8459, 46.9340** is the 20% darker color. If you saturate the color by 10%, you get **68.0693, 57.5406, 80.1716**, and if you desaturate by 10%, it is **81.7987, 81.7665, 94.7144**.

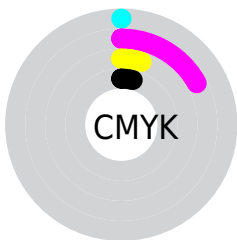
# Distribution



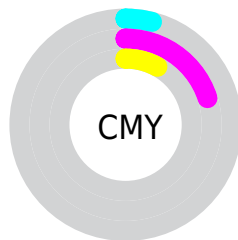
- Red (96%)
- Green (80%)
- Blue (92%)



- Red (96%)
- Yellow (80%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4502, 68.7191, 87.1821 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 74.4502, 68.7191, 87.1821 by changing the saturation by 10% instead.




 74.4502, 68.7191,  
87.1821

 74.4502, 68.7191,  
87.1821


465.0521,  
456.0396, 539.1528

 55.4552, 50.4830,  
65.0854


124.5259,  
117.3803, 145.3190

 40.0016, 35.7973,  
47.0786


156.3372,  
148.5741, 182.1964

 27.7240, 24.2777,  
32.7430


193.1514,  
184.8560, 224.8377

 18.2571, 15.5397,  
21.6601

235.3338,  
226.6103, 273.6615

 11.2355, 9.1991,  
13.4115

283.2496,  
274.2214, 329.0864

 6.2939, 4.8712,  
7.5784

337.2644,

 3.0670, 2.1719,

328.0737, 391.5309

3.7425

397.7434,  
388.5517, 461.4135

■ 1.1893, 0.7046,  
1.4852

■ 0.0979, 0.0000,  
0.2069

■ 74.4502, 68.7191,  
87.1821

■ 74.4502, 68.7191,  
87.1821

■ 68.0693, 57.5406,  
80.1716

■ 81.7987, 81.7665,  
94.7144

■ 62.6062, 48.1353,  
73.6617

■ 90.1494, 96.7548,  
102.7799

■ 58.0157, 40.4127,  
67.6358

■ 91.8165, 98.3331,  
108.7487

■ 54.2464, 34.2705,  
62.0745

■ 51.2412, 29.5955,  
56.9562

■ 48.9355, 26.2589,  
52.2571

■ 47.2532, 24.1098,  
47.9493

■ 46.0972, 22.9545,  
43.9978

■ 45.8141, 22.7161,  
42.8930

# Harmonies

## Analogous

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



70.9921, 68.7191, 99.8680



74.4502, 68.7191, 87.1821



75.4122, 68.7191, 72.4962

# Triad

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



74.4502, 68.7191, 87.1821



64.4977, 68.7191, 50.5222



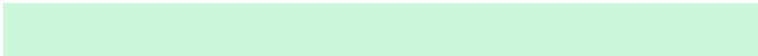
57.7131, 68.7191, 91.7708

# Complementary

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



74.4502, 68.7191, 87.1821



70.2550, 83.7087, 77.4242

# 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.



56.1627, 68.7191, 77.1999



74.4502, 68.7191, 87.1821



59.9498, 68.7191, 54.3605

# Square

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



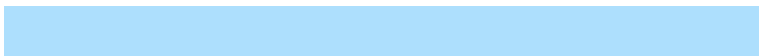
74.4502, 68.7191, 87.1821



69.4991, 68.7191, 52.4820



56.9602, 68.7191, 63.6916



61.3032, 68.7191, 102.7462



# Rectangle

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



74.4502, 68.7191, 87.1821



74.4688, 68.7191, 63.7855



56.9602, 68.7191, 63.6916



56.9447, 68.7191, 87.0664

# Sweetspot

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



74.4522, 68.7221, 87.1836



90.5355, 91.9007, 104.5288



66.5197, 64.4267, 96.1195



19.2473, 19.4361, 22.2445



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.



74.4522, 68.7221, 87.1836



78.6246, 70.7624, 92.2856



71.6243, 67.5909, 72.2919



16.9999, 16.6828, 19.7462



24.5170, 12.1502, 23.2284



2.1989, 1.0855, 2.2739



# Inverse Universe

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



74.4522, 68.7221, 87.1836



78.6246, 70.7624, 92.2856



73.1314, 84.8592, 92.5710



16.9999, 16.6828, 19.7462



24.5170, 12.1502, 23.2284



2.1989, 1.0855, 2.2739



# Previews

## White Background



This preview shows how the XYZ color 74.4502, 68.7191, 87.1821 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

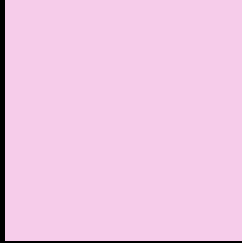
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.4502, 68.7191, 87.1821 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

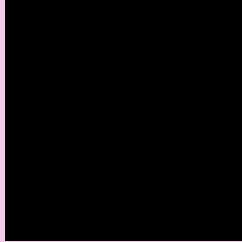
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.4502, 68.7191, 87.1821**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.4502, 68.7191, 87.1821.



This preview shows how white text looks on a background with the XYZ color 74.4502, 68.7191,



# 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

74.4502, 68.7191, 87.1821

### Protanopia

67.6182, 69.0979, 92.9925

### Deuteranopia

70.3877, 68.7994, 86.6606



## Tritanopia

72.5643, 68.6496, 78.5334

# Trichromacy



## Original Color

74.4502, 68.7191, 87.1821

## Protanomaly

69.7782, 68.7691, 90.4850

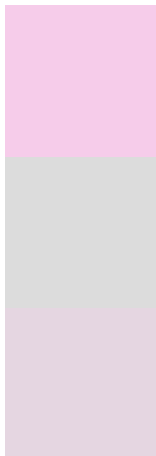
## Deuteranomaly

71.8559, 68.8278, 86.5887

## Tritanomaly

73.2150, 68.5661, 81.3272

# Monochromacy



## Original Color

74.4502, 68.7191, 87.1821

## Achromatopsia

68.0267, 71.5694, 77.9390

## Achromatomaly

69.9503, 70.1874, 81.0949

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.4502, 68.7191, 87.1821 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, 204, 234)` looks like.

```
.text, #text, p{  
    color:rgb(246, 204, 234)  
}
```

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, 204, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 204, 234) }
```

## Border

The CSS property to change the border of an element to XYZ 74.4502, 68.7191, 87.1821 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, 204, 234) }
```



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

```
.border{ border-color:rgb(246, 204, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 204, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 204, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 204, 234);  
box-shadow:4px 4px 4px 4px rgb(246, 204,  
234) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.4502, 68.7191, 87.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 204, 234) }
```

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

```
.background{ background-color: rgb(246,  
204, 234) }
```

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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