

# Converting Colors

XYZ(70.5475, 64.9095, 74.5229)

Have a look what the booklet for  
XYZ(70.5475, 64.9095, 74.5229)  
contains.

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# Color

**XYZ(70.3747, 64.8104,  
74.4462)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C6D9
RGB	245, 198, 217
RGB Percent	96%, 78%, 85%
CMY	0.0392, 0.2235, 0.1490
CMYK	0.00, 0.19, 0.11, 0.04
HSL	336°, 70%, 87%
HSV	336°, 19%, 96%
XYZ	70.3747, 64.8104, 74.4462
YIQ	214.2190, 21.9130, 15.8730

# Conversions

## Conversions Part 2

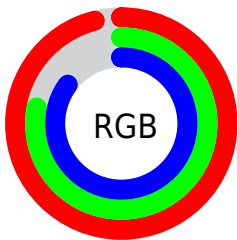
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 198, 217
Decimal	16107225
CIE <sub>Lab</sub>	84.39, 19.64, -3.11
CIE <sub>LCh</sub>	84, 19.885, 350.988
Y <sub>xy</sub>	64.8104, 0.3357, 0.3092
Android (android.graphics.Color)	4294297305 (0xFFFF5C6D9)
YUV	214.2190, 1.3710, 26.9949
Hunter-Lab	80.5049, 15.1552, 1.5255

# Details

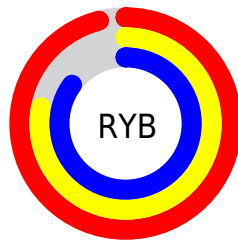
The XYZ color **70.3747, 64.8104, 74.4462** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6712, 82.8033, 84.2660**, and the grayscale version is **64.0462, 67.3816, 73.3786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.2339, 33.2465, 38.6372** is the 20% darker color. If you saturate the color by 10%, you get **63.4059, 53.7776, 63.1667**, and if you desaturate by 10%, it is **78.4209, 77.7278, 86.9150**.

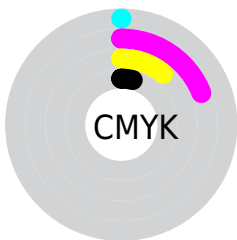
# Distribution



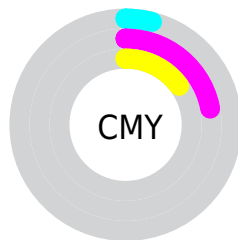
- Red (96%)
- Green (78%)
- Blue (85%)



- Red (96%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3747, 64.8104, 74.4462 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 70.3747, 64.8104, 74.4462 by changing the saturation by 10% instead.




 70.3747, 64.8104,  
74.4462

 70.3747, 64.8104,  
74.4462


451.1105,  
442.1103, 495.2165

 52.1128, 47.3074,  
54.6603


118.7663,  
111.7772, 127.2680

 37.3196, 33.2787,  
38.7331

149.6267,  
142.0098, 161.1410

 25.6298, 22.3400,  
26.2459

185.4173,  
177.2543, 200.5468

 16.6782, 14.1070,  
16.7803

226.5034,  
217.8952, 245.9039

 10.0992, 8.1951,  
9.9177

273.2504,  
264.3169, 297.6309

 5.5275, 4.2200,  
5.2395

326.0237,

 2.5979, 1.7974,

316.9037, 356.1463

2.3273

385.1886,  
376.0400, 421.8686

■ 0.9449, 0.4856,  
0.7464

■ 0.0000, 0.0000,  
0.0000

■ 70.3747, 64.8104,  
74.4462

■ 70.3747, 64.8104,  
74.4462

■ 63.4059, 53.7776,  
63.1667

■ 78.4209, 77.7278,  
86.9150

■ 57.4612, 44.5318,  
53.0350

■ 87.5838, 92.6037,  
100.6044

■ 52.4909, 36.9803,  
44.0132

■ 91.4666, 98.1527,  
108.7323

■ 48.4387, 31.0178,  
36.0591

■ 45.2423, 26.5277,  
29.1277

■ 42.8310, 23.3769,  
23.1699

■ 41.1215, 21.4077,  
18.1307

■ 39.9895, 20.3807,  
13.9398

■ 39.9102, 20.3141,  
13.6294

# Harmonies

## Analogous

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



68.4378, 64.8104, 87.0119



70.3747, 64.8104, 74.4462



69.8747, 64.8104, 62.2093

# Triad

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



70.3747, 64.8104, 74.4462



58.6082, 64.8104, 50.2076



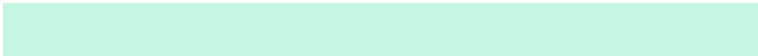
56.4075, 64.8104, 91.2039

# Complementary

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



70.3747, 64.8104, 74.4462



69.6712, 82.8033, 84.2660

# 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.



54.0065, 64.8104, 79.6427



70.3747, 64.8104, 74.4462



55.2342, 64.8104, 56.3376

# Square

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



70.3747, 64.8104, 74.4462



62.9402, 64.8104, 49.1680



53.5874, 64.8104, 66.8259



60.2796, 64.8104, 97.4187



# Rectangle

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



70.3747, 64.8104, 74.4462



68.2359, 64.8104, 55.7862



53.5874, 64.8104, 66.8259



55.4095, 64.8104, 87.7532

# Sweetspot

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



70.3765, 64.8133, 74.4476



88.9286, 90.0504, 99.7901



67.8594, 63.0585, 94.9821



18.8976, 19.0529, 21.1533



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.



70.3765, 64.8133, 74.4476



73.9847, 66.0682, 76.6024



68.9525, 65.6946, 62.4757



16.7767, 16.5935, 18.5707



21.5645, 10.9692, 7.6809



1.9448, 0.9839, 0.9356



# Inverse Universe

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



70.3765, 64.8133, 74.4476



73.9847, 66.0682, 76.6024



71.2522, 81.5600, 98.3744



16.7767, 16.5935, 18.5707



21.5645, 10.9692, 7.6809



1.9448, 0.9839, 0.9356



# Previews

## White Background



This preview shows how the XYZ color 70.3747, 64.8104, 74.4462 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 70.3747, 64.8104, 74.4462 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

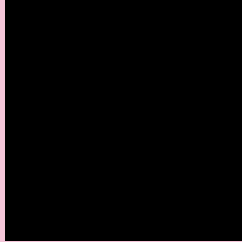
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 70.3747, 64.8104, 74.4462**

## **Background**



This preview shows how black text looks on a background with the XYZ color 70.3747, 64.8104, 74.4462.



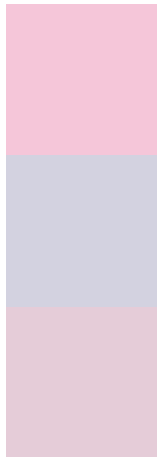
This preview shows how white text looks on a background with the XYZ color 70.3747, 64.8104,



# 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

70.3747, 64.8104, 74.4462

### Protanopia

63.3651, 65.3239, 79.7901

### Deuteranopia

66.3006, 64.8016, 73.9793



## Tritanopia

70.2172, 65.1144, 72.4858

# Trichromacy



## Original Color

70.3747, 64.8104, 74.4462

## Protanomaly

65.5539, 65.0510, 77.5077

## Deuteranomaly

67.7761, 64.8611, 73.9130

## Tritanomaly

70.3454, 65.1656, 73.1606

# Monochromacy



## Original Color

70.3747, 64.8104, 74.4462

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

65.8730, 66.0256, 73.5623

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.3747, 64.8104, 74.4462 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 70.3747, 64.8104, 74.4462 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, 217) }
```



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

```
.border{ border-color:rgb(245, 198, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.3747, 64.8104, 74.4462 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, 217) }
```

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

```
.background{ background-color: rgb(245,  
198, 217) }
```

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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