

Converting Colors

XYZ(70.7245, 64.9908, 74.4625)

Have a look what the booklet for
XYZ(70.7245, 64.9908, 74.4625)
contains.

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Color

**XYZ(70.7245, 64.9908,
74.4625)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C6D9
RGB	246, 198, 217
RGB Percent	96%, 78%, 85%
CMY	0.0353, 0.2235, 0.1490
CMYK	0.00, 0.20, 0.12, 0.04
HSL	336°, 73%, 87%
HSV	336°, 20%, 96%
XYZ	70.7245, 64.9908, 74.4625
YIQ	214.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

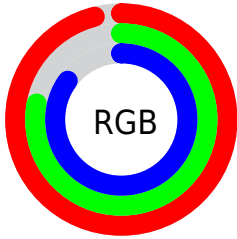
Format	Color
R _{YB}	246, 198, 217
Decimal	16172761
CIE Lab	84.48, 19.99, -2.97
CIE LCh	84, 20.206, 351.556
Yxy	64.9908, 0.3365, 0.3092
Android (android.graphics.Color)	4294362841 (0xFFFF6C6D9)
YUV	214.5180, 1.2236, 27.6097
Hunter-Lab	80.6169, 15.5170, 1.6681

Details

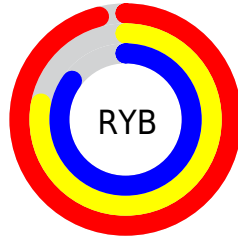
The XYZ color **70.7245, 64.9908, 74.4625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1122, 83.4650, 85.0922**, and the grayscale version is **64.2485, 67.5944, 73.6103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4811, 33.3740, 38.6488** is the 20% darker color. If you saturate the color by 10%, you get **63.7048, 53.9068, 63.0099**, and if you desaturate by 10%, it is **78.8352, 77.9766, 87.1395**.

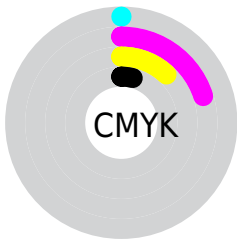
Distribution



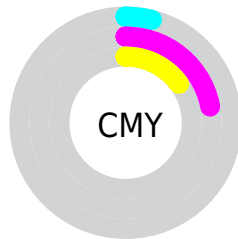
- Red (96%)
- Green (78%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7245, 64.9908, 74.4625 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 70.7245, 64.9908, 74.4625 by changing the saturation by 10% instead.


 70.7245, 64.9908,
74.4625

 70.7245, 64.9908,
74.4625


452.3166,
442.7589, 495.2741

 52.3991, 47.4536,
54.6736


119.2620,
112.0366, 127.2913

 37.5489, 33.3944,
38.7436


150.2049,
142.3141, 161.1683

 25.8084, 22.4288,
26.2540


186.0842,
177.6071, 200.5783

 16.8123, 14.1723,
16.7863

227.2655,
218.3000, 245.9401

 10.1952, 8.2406,
9.9219

274.1140,
264.7772, 297.6720

 5.5918, 4.2493,
5.2423


326.9951,

 2.6368, 1.8140,


317.4232, 356.1926


2.3289


386.2742,
376.6223, 421.9204


 0.9647, 0.4959,
0.7473


 0.0000, 0.0000,
0.0000


 70.7245, 64.9908,
74.4625


 70.7245, 64.9908,
74.4625


 63.7048, 53.9068,
63.0099


 78.8352, 77.9766,
87.1395

 57.7220, 44.6261,
52.7387

 88.0769, 92.9394,
101.0736

 52.7256, 37.0542,
43.6095

 91.8164, 98.3330,
108.7487

 48.6583, 31.0849,
35.5784

■ 45.4566, 26.5994,
28.5987

■ 43.0487, 23.4627,
22.6191

■ 41.3495, 21.5144,
17.5825

■ 40.2283, 20.5027,
13.4147

■ 40.1809, 20.4628,
13.2298

Harmonies

Analogous

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



68.7937, 64.9908, 87.3022



70.7245, 64.9908, 74.4625



70.1668, 64.9908, 62.0509

Triad

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



70.7245, 64.9908, 74.4625



58.6494, 64.9908, 50.1429



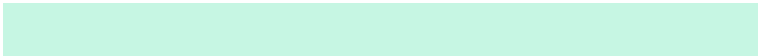
56.5508, 64.9908, 91.9823

Complementary

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



70.7245, 64.9908, 74.4625



70.1122, 83.4650, 85.0922

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.



54.0747, 64.9908, 80.2566



70.7245, 64.9908, 74.4625



55.2448, 64.9908, 56.4584

Square

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



70.7245, 64.9908, 74.4625



63.0501, 64.9908, 48.9887



53.6084, 64.9908, 67.1899



60.5109, 64.9908, 98.1905

Rectangle

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



70.7245, 64.9908, 74.4625



68.4699, 64.9908, 55.5770



53.6084, 64.9908, 67.1899



55.5254, 64.9908, 88.4925

Sweetspot

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



70.7264, 64.9937, 74.4639



88.9089, 90.0425, 99.6860



68.4466, 63.3436, 95.8085



18.8929, 19.0510, 21.1287



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.



70.7264, 64.9937, 74.4639



73.9193, 66.0421, 76.2581



69.5101, 66.2905, 62.5615



16.7708, 16.5912, 18.5395



21.5112, 10.9479, 7.4005



1.9397, 0.9819, 0.9091

Inverse Universe

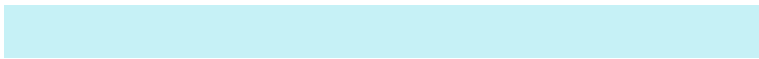
The Inverse Universe completely reimagines the original color for something new.



70.7264, 64.9937, 74.4639



73.9193, 66.0421, 76.2581



71.4399, 81.6904, 99.1920



16.7708, 16.5912, 18.5395



21.5112, 10.9479, 7.4005



1.9397, 0.9819, 0.9091

Previews

White Background



This preview shows how the XYZ color 70.7245, 64.9908, 74.4625 looks on a white background.

Color Contrast Check

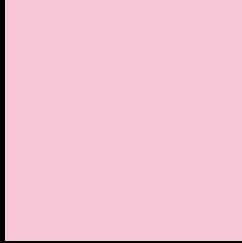
Large Text (above 18pt) WCAG AA × Fail

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 70.7245, 64.9908, 74.4625 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 70.7245, 64.9908, 74.4625

Background



This preview shows how black text looks on a background with the XYZ color 70.7245, 64.9908, 74.4625.



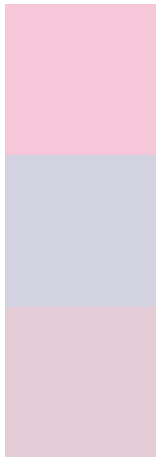
This preview shows how white text looks on a background with the XYZ color 70.7245, 64.9908,

74.4625.

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

70.7245, 64.9908, 74.4625

Protanopia

63.3651, 65.3239, 79.7901

Deuteranopia

66.5391, 65.2785, 74.0588



Tritanopia

70.5671, 65.2947, 72.5022

Trichromacy



Original Color

70.7245, 64.9908, 74.4625

Protanomaly

65.8629, 65.2104, 77.5221

Deuteranomaly

67.7761, 64.8611, 73.9130

Tritanomaly

70.6952, 65.3460, 73.1770

Monochromacy



Original Color

70.7245, 64.9908, 74.4625

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.5592, 66.7275, 74.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7245, 64.9908, 74.4625 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, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 198, 217) }
```

Border

The CSS property to change the border of an element to XYZ 70.7245, 64.9908, 74.4625 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, 198, 217) }
```


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

```
.border{ border-color:rgb(246, 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(246, 198, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 198,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7245, 64.9908, 74.4625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 198, 217) }
```

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

```
.background{ background-color: rgb(246,  
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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