

Converting Colors

XYZ(74.3084, 64.3885, 83.8840)

Have a look what the booklet for
XYZ(74.3084, 64.3885, 83.8840)
contains.

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Color

**XYZ(74.2946, 64.2911,
84.0950)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFE7
RGB	255, 191, 231
RGB Percent	100%, 75%, 91%
CMY	0.0000, 0.2510, 0.0941
CMYK	0.00, 0.25, 0.09, 0.00
HSL	323°, 100%, 87%
HSV	323°, 25%, 100%
XYZ	74.2946, 64.2911, 84.0950
YIQ	214.6960, 25.3040, 26.0080

Conversions

Conversions Part 2

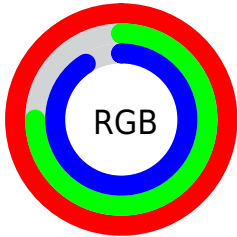
Format	Color
R _Y B	255, 191, 231
Decimal	16760807
CIE _{Lab}	84.12, 29.05, -10.88
CIE _{LCh}	84, 31.018, 339.459
Y _{xy}	64.2911, 0.3336, 0.2887
Android (android.graphics.Color)	4294950887 (0xFFFFBFE7)
Y _{UV}	214.6960, 8.0379, 35.3466
Hunter-Lab	80.1817, 25.0761, -6.0564

Details

The XYZ color **74.2946, 64.2911, 84.0950** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5137, 87.5037, 77.5193**, and the grayscale version is **64.3225, 67.6723, 73.6952**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **39.9722, 32.9922, 44.8188** is the 20% darker color. If you saturate the color by 10%, you get **67.8962, 53.5970, 75.4800**, and if you desaturate by 10%, it is **81.7378, 76.9562, 93.4241**.

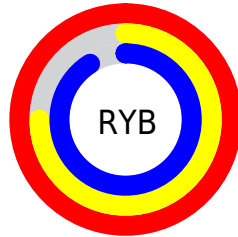
Distribution



Red (100%)

Green (75%)

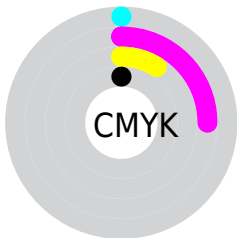
Blue (91%)



Red (100%)

Yellow (75%)

Blue (91%)

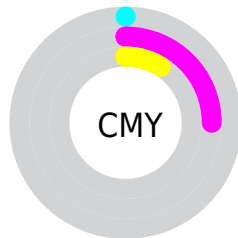


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2946, 64.2911, 84.0950 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 74.2946, 64.2911, 84.0950 by changing the saturation by 10% instead.

 74.2946, 64.2911,
84.0950

 74.2946, 64.2911,
84.0950


464.5241,
440.2401, 528.6949

 55.3273, 46.8865,
62.5480


 124.3066,
111.0301, 140.9710

 39.8987, 32.9459,
45.0370


156.0820,
141.1332, 177.1371

 27.6435, 22.0850,
31.1434


192.8576,
176.2380, 219.0133

 18.1961, 13.9194,
20.4487

234.9985,
216.7288, 267.0181

 11.1914, 8.0646,
12.5343

282.8703,
262.9900, 321.5702

 6.2640, 4.1363,
6.9817

336.8383,

 3.0484, 1.7501,

315.4060, 383.0880

3.3724

397.2678,
374.3613, 451.9900

■ 1.1794, 0.4558,
1.2878

■ 0.0900, 0.0000,
0.0518

■ 74.2946, 64.2911,
84.0950

■ 74.2946, 64.2911,
84.0950

■ 67.8962, 53.5970,
75.4800

■ 81.7378, 76.9562,
93.4241

■ 62.4869, 44.7651,
67.5521

■ 90.2691, 91.6779,
103.4848

■ 58.0123, 37.6882,
60.2883

95.0500, 100.0000,
108.9000

■ 54.4106, 32.2448,
53.6619

■ 51.6124, 28.2980,
47.6435

■ 49.5367, 25.6879,
42.1998

■ 48.0840, 24.2179,
37.2911

■ 47.5303, 23.7761,
35.0541

Harmonies

Analogous

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



69.8691, 64.2911, 103.3664



74.2946, 64.2911, 84.0950



75.0473, 64.2911, 63.9815

Triad

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



74.2946, 64.2911, 84.0950



58.9667, 64.2911, 38.9868



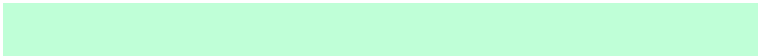
51.4877, 64.2911, 96.8277

Complementary

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



74.2946, 64.2911, 84.0950



69.5137, 87.5037, 77.5193

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.



49.0092, 64.2911, 76.3890



74.2946, 64.2911, 84.0950



53.1094, 64.2911, 44.7220

Square

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



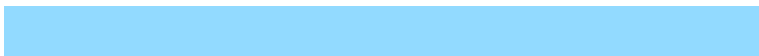
74.2946, 64.2911, 84.0950



65.8476, 64.2911, 40.2775



49.5799, 64.2911, 57.5788



56.5991, 64.2911, 111.6189

Rectangle

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



74.2946, 64.2911, 84.0950



73.3125, 64.2911, 53.0349



49.5799, 64.2911, 57.5788



50.3370, 64.2911, 90.2495

Sweetspot

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



74.2961, 64.2938, 84.0963



87.6765, 87.1849, 100.4862



64.5511, 58.8512, 102.5649



18.4869, 18.1781, 21.1810



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.



74.2961, 64.2938, 84.0963



71.0303, 58.8082, 79.7831



70.2435, 62.6728, 62.7560



18.4869, 18.1781, 21.1810



24.9104, 12.4534, 18.7104



2.4785, 1.2338, 2.1010

Inverse Universe

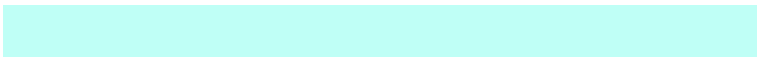
The Inverse Universe completely reimagines the original color for something new.



74.2961, 64.2938, 84.0963



71.0303, 58.8082, 79.7831



73.9538, 89.2797, 100.9004



18.4869, 18.1781, 21.1810



24.9104, 12.4534, 18.7104



2.4785, 1.2338, 2.1010

Previews

White Background



This preview shows how the XYZ color 74.2946, 64.2911, 84.0950 looks on a white background.

Color Contrast Check

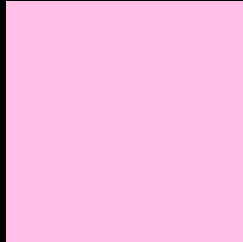
Large Text (above 18pt) WCAG AA × Fail

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 74.2946, 64.2911, 84.0950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

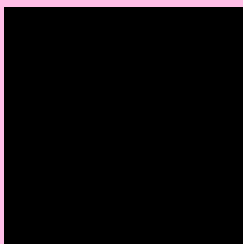
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2946, 64.2911, 84.0950

Background



This preview shows how black text looks on a background with the XYZ color 74.2946, 64.2911, 84.0950.



This preview shows how white text looks on a background with the XYZ color 74.2946, 64.2911,

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

74.2946, 64.2911, 84.0950

Protanopia

63.4847, 64.3599, 93.0811

Deuteranopia

65.8599, 64.3725, 83.0827



Tritanopia

71.2928, 64.3788, 69.6416

Trichromacy



Original Color

74.2946, 64.2911, 84.0950



Protanomaly

66.9846, 64.1021, 89.7314



Deuteranomaly

68.6380, 64.0524, 83.6087



Tritanomaly

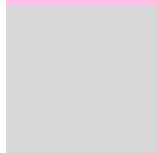
72.4547, 64.5282, 74.9661

Monochromacy



Original Color

74.2946, 64.2911, 84.0950



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.7556, 66.1861, 77.6107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2946, 64.2911, 84.0950 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(255, 191, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 231)  
}
```

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(255, 191, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.2946, 64.2911, 84.0950 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(255, 191, 231) }
```


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

```
.border{ border-color:rgb(255, 191, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 231); box-shadow:4px 4px 4px 4px rgb(255, 191, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2946, 64.2911, 84.0950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 231) }
```

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

```
.background{ background-color: rgb(255,  
191, 231) }
```

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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