

Converting Colors

XYZ(89.0514, 71.8485, 86.4619)

Have a look what the booklet for
XYZ(89.0514, 71.8485, 86.4619)
contains.

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Color

**XYZ(74.5788, 64.4048,
85.5914)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFE9
RGB	255, 191, 233
RGB Percent	100%, 75%, 91%
CMY	0.0000, 0.2510, 0.0863
CMYK	0.00, 0.25, 0.09, 0.00
HSL	321°, 100%, 87%
HSV	321°, 25%, 100%
XYZ	74.5788, 64.4048, 85.5914
YIQ	214.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

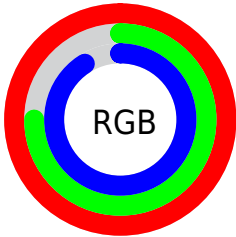
Format	Color
R_{YB}	255, 191, 233
Decimal	16760809
CIE _{Lab}	84.18, 29.38, -11.86
CIE _{LCh}	84, 31.683, 338.010
Yxy	64.4048, 0.3321, 0.2868
Android (android.graphics.Color)	4294950889 (0xFFFFBFE9)
YUV	214.9240, 8.9115, 35.1467
Hunter-Lab	80.2526, 25.4381, -7.0574

Details

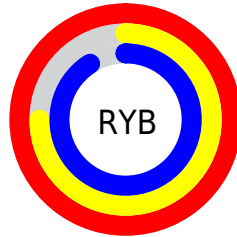
The XYZ color **74.5788, 64.4048, 85.5914** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2582, 87.4015, 76.1738**, and the grayscale version is **64.4712, 67.8287, 73.8655**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **40.1702, 33.0714, 45.8612** is the 20% darker color. If you saturate the color by 10%, you get **68.2730, 53.7477, 77.4643**, and if you desaturate by 10%, it is **81.9177, 77.0282, 94.3715**.

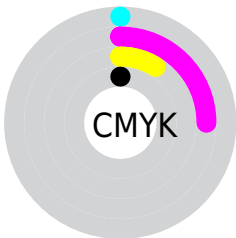
Distribution



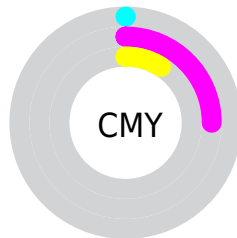
- Red (100%)
- Green (75%)
- Blue (91%)



- 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 74.5788, 64.4048, 85.5914 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 74.5788, 64.4048, 85.5914 by changing the saturation by 10% instead.


 74.5788, 64.4048,
85.5914

 74.5788, 64.4048,
85.5914

465.4881,
440.6500, 533.7785

 55.5609, 46.9786,
63.7772


 124.7071,
111.1937, 143.0806

 40.0866, 33.0187,
46.0252

156.5481,
141.3252, 179.5928

 27.7905, 22.1408,
31.9169


193.3942,
176.4606, 221.8413

 18.3075, 13.9604,
21.0337

235.6107,
216.9843, 270.2447

 11.2720, 8.0931,
12.9572

283.5630,
263.2807, 325.2216

 6.3187, 4.1546,
7.2687


337.6164,


 3.0823, 1.7604,


315.7342, 387.1905


3.5497


398.1363,
374.7292, 456.5700


 1.1975, 0.4623,
1.3817


 0.1044, 0.0000,
0.1274


 74.5788, 64.4048,
85.5914


 74.5788, 64.4048,
85.5914

 68.2730, 53.7477,
77.4643


 81.9177, 77.0282,
94.3715

 62.9451, 44.9484,
69.9649

 90.3329, 91.7034,
103.8208

 58.5408, 37.8996,
63.0713

95.0500, 100.0000,
108.9000

 54.9987, 32.4801,
56.7587

■ 52.2496, 28.5529,
50.9990

■ 50.2129, 25.9584,
45.7608

■ 48.7895, 24.5001,
41.0059

■ 48.2466, 24.0626,
38.8260

Harmonies

Analogous

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



69.8932, 64.4048, 105.1383



74.5788, 64.4048, 85.5914



75.5513, 64.4048, 64.8847

Triad

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



74.5788, 64.4048, 85.5914



59.3563, 64.4048, 38.4325



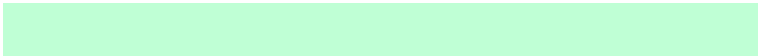
51.1999, 64.4048, 96.6758

Complementary

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



74.5788, 64.4048, 85.5914



69.2582, 87.4015, 76.1738

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.



48.8174, 64.4048, 75.6420



74.5788, 64.4048, 85.5914



53.2863, 64.4048, 43.9027

Square

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



74.5788, 64.4048, 85.5914



66.4003, 64.4048, 40.0837



49.5510, 64.4048, 56.6455



56.3066, 64.4048, 112.3411

Rectangle

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



74.5788, 64.4048, 85.5914



73.8987, 64.4048, 53.5189



49.5510, 64.4048, 56.6455



50.0723, 64.4048, 89.8554

Sweetspot

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



74.5802, 64.4074, 85.5927



87.7752, 87.2244, 101.0063



63.9308, 58.5314, 102.5359



18.5118, 18.1880, 21.3123



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.



74.5802, 64.4074, 85.5927



71.3613, 58.9406, 81.5264



70.4939, 62.7729, 64.0744



18.5118, 18.1880, 21.3123



25.2828, 12.6024, 20.6716



2.5131, 1.2476, 2.2834

Inverse Universe

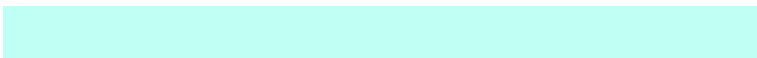
The Inverse Universe completely reimagines the original color for something new.



74.5802, 64.4074, 85.5927



71.3613, 58.9406, 81.5264



73.6273, 89.1491, 99.1813



18.5118, 18.1880, 21.3123



25.2828, 12.6024, 20.6716



2.5131, 1.2476, 2.2834

Previews

White Background



This preview shows how the XYZ color 74.5788, 64.4048, 85.5914 looks on a white background.

Color Contrast Check

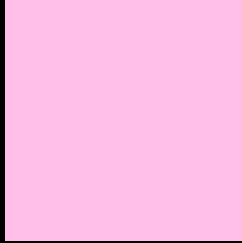
Large Text (above 18pt) WCAG AA × Fail

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 74.5788, 64.4048, 85.5914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

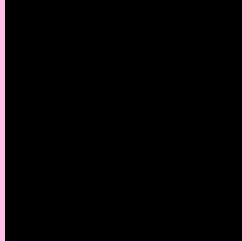
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5788, 64.4048, 85.5914

Background



This preview shows how black text looks on a background with the XYZ color 74.5788, 64.4048, 85.5914.



This preview shows how white text looks on a background with the XYZ color 74.5788, 64.4048,

85.5914.

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

74.5788, 64.4048, 85.5914

Protanopia

64.0314, 64.9700, 94.7536

Deuteranopia

65.6946, 64.2711, 83.8060



Tritanopia

71.2928, 64.3788, 69.6416

Trichromacy



Original Color

74.5788, 64.4048, 85.5914



Protanomaly

67.2801, 64.2203, 91.2878



Deuteranomaly

68.4515, 63.9400, 84.3352



Tritanomaly

72.4547, 64.5282, 74.9661

Monochromacy



Original Color

74.5788, 64.4048, 85.5914



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.8893, 66.2395, 78.3146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5788, 64.4048, 85.5914 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.5788, 64.4048, 85.5914 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, 233) }
```


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

```
.border{ border-color:rgb(255, 191, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5788, 64.4048, 85.5914 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
191, 233) }
```

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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