

Converting Colors

XYZ(74.7467, 64.3472, 86.8602)

Have a look what the booklet for
XYZ(74.7467, 64.3472, 86.8602)
contains.

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Color

**XYZ(74.8662, 64.5198,
87.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFEB
RGB	255, 191, 235
RGB Percent	100%, 75%, 92%
CMY	0.0000, 0.2510, 0.0784
CMYK	0.00, 0.25, 0.08, 0.00
HSL	319°, 100%, 87%
HSV	319°, 25%, 100%
XYZ	74.8662, 64.5198, 87.1049
YIQ	215.1520, 24.0200, 27.2520

Conversions

Conversions Part 2

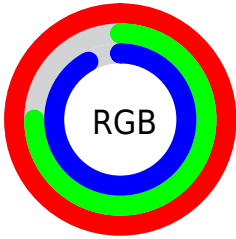
Format	Color
R_{YB}	255, 191, 235
Decimal	16760811
CIE _{Lab}	84.24, 29.71, -12.84
CIE _{LCh}	84, 32.369, 336.625
Yxy	64.5198, 0.3305, 0.2849
Android (android.graphics.Color)	4294950891 (0xFFFFBFEB)
YUV	215.1520, 9.7851, 34.9467
Hunter-Lab	80.3242, 25.8036, -8.0681

Details

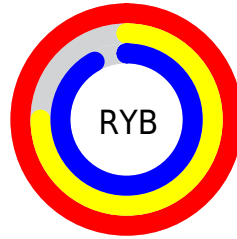
The XYZ color **74.8662, 64.5198, 87.1049** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0059, 87.3005, 74.8449**, and the grayscale version is **64.6201, 67.9854, 74.0361**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **40.3710, 33.1518, 46.9190** is the 20% darker color. If you saturate the color by 10%, you get **68.6561, 53.9010, 79.4816**, and if you desaturate by 10%, it is **82.0989, 77.1007, 95.3253**.

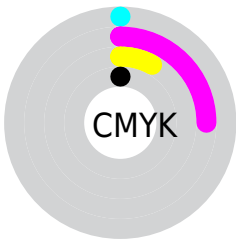
Distribution



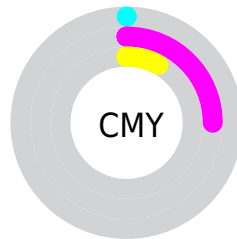
- Red (100%)
- Green (75%)
- Blue (92%)



- Red (100%)
- Yellow (75%)
- Blue (92%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8662, 64.5198, 87.1049 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 74.8662, 64.5198, 87.1049 by changing the saturation by 10% instead.


 74.8662, 64.5198,
87.1049

 74.8662, 64.5198,
87.1049


466.4618,
441.0643, 538.8927

 55.7971, 47.0718,
65.0219


 125.1119,
111.3592, 145.2105

 40.2766, 33.0924,
47.0274


157.0191,
141.5194, 182.0702

 27.9394, 22.1973,
32.7028


193.9364,
176.6858, 224.6925

 18.4202, 14.0019,
21.6296

236.2292,
217.2427, 273.4960

 11.3536, 8.1220,
13.3893

284.2628,
263.5747, 328.8992

 6.3743, 4.1731,
7.5633

338.4025,

 3.1168, 1.7709,

316.0660, 391.3207

3.7331

399.0137,
375.1011, 461.1790

■ 1.2158, 0.4689,
1.4801

■ 0.1188, 0.0000,
0.2030

■ 74.8662, 64.5198,
87.1049

■ 74.8662, 64.5198,
87.1049

■ 68.6561, 53.9010,
79.4816

■ 82.0989, 77.1007,
95.3253

■ 63.4134, 45.1357,
72.4311

■ 90.3969, 91.7291,
104.1576

■ 59.0842, 38.1170,
65.9330

95.0500, 100.0000,
108.9000

■ 55.6073, 32.7235,
59.9634

■ 52.9136, 28.8185,
54.4959

■ 50.9230, 26.2425,
49.5000

■ 49.5364, 24.7989,
44.9392

■ 49.0083, 24.3673,
42.8373

Harmonies

Analogous

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



69.9199, 64.5198, 106.9321



74.8662, 64.5198, 87.1049



76.0595, 64.5198, 65.7946

Triad

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



74.8662, 64.5198, 87.1049



59.7476, 64.5198, 37.8832



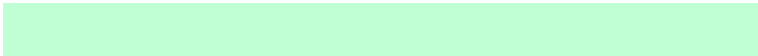
50.9141, 64.5198, 96.5298

Complementary

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



74.8662, 64.5198, 87.1049



69.0059, 87.3005, 74.8449

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.



48.6266, 64.5198, 74.9045



74.8662, 64.5198, 87.1049



53.4634, 64.5198, 43.0944

Square

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



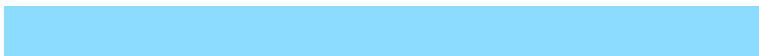
74.8662, 64.5198, 87.1049



66.9567, 64.5198, 39.8893



49.5223, 64.5198, 55.7249



56.0166, 64.5198, 113.0723

Rectangle

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



74.8662, 64.5198, 87.1049



74.4894, 64.5198, 54.0041



49.5223, 64.5198, 55.7249



49.8093, 64.5198, 89.4679

Sweetspot

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



74.8677, 64.5225, 87.1062



87.8743, 87.2640, 101.5281



63.3186, 58.2159, 102.5073



18.5368, 18.1980, 21.4441



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.



74.8677, 64.5225, 87.1062



71.6970, 59.0749, 83.2938



70.7478, 62.8745, 65.4113



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7541



2.5495, 1.2622, 2.4751

Inverse Universe

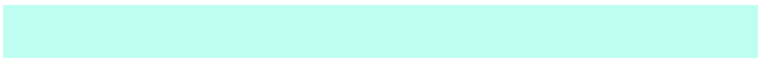
The Inverse Universe completely reimagines the original color for something new.



74.8677, 64.5225, 87.1062



71.6970, 59.0749, 83.2938



73.3046, 89.0201, 97.4820



18.5368, 18.1980, 21.4441



25.6783, 12.7606, 22.7541



2.5495, 1.2622, 2.4751

Previews

White Background



This preview shows how the XYZ color 74.8662, 64.5198, 87.1049 looks on a white background.

Color Contrast Check

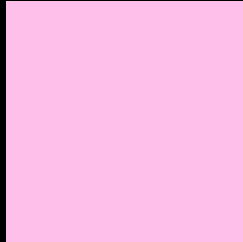
Large Text (above 18pt) WCAG AA × Fail

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 74.8662, 64.5198, 87.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

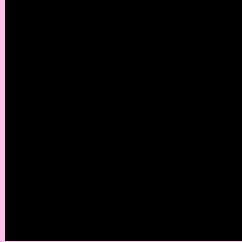
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8662, 64.5198, 87.1049

Background



This preview shows how black text looks on a background with the XYZ color 74.8662, 64.5198, 87.1049.



This preview shows how white text looks on a background with the XYZ color 74.8662, 64.5198,

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

74.8662, 64.5198, 87.1049

Protanopia

64.2176, 65.0128, 97.1598

Deuteranopia

66.2156, 64.8610, 85.3734



Tritanopia

71.2928, 64.3788, 69.6416

Trichromacy



Original Color

74.8662, 64.5198, 87.1049



Protanomaly

67.4224, 64.2417, 93.6404



Deuteranomaly

68.9665, 64.5154, 85.9086



Tritanomaly

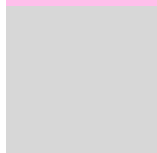
72.5860, 64.5807, 75.6575

Monochromacy



Original Color

74.8662, 64.5198, 87.1049



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 74.8662, 64.5198, 87.1049 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 235) }
```

Border

The CSS property to change the border of an element to XYZ 74.8662, 64.5198, 87.1049 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, 235) }
```


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

```
.border{ border-color:rgb(255, 191, 235) }
```

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, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8662, 64.5198, 87.1049 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, 235) }
```

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

```
.background{ background-color: rgb(255,  
191, 235) }
```

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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