

Converting Colors

XYZ(89.2481, 72.4214, 84.6701)

Have a look what the booklet for
XYZ(89.2481, 72.4214, 84.6701)
contains.

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Color

**XYZ(74.5134, 64.7288,
84.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0E7
RGB	255, 192, 231
RGB Percent	100%, 75%, 91%
CMY	0.0000, 0.2470, 0.0941
CMYK	0.00, 0.25, 0.09, 0.00
HSL	323°, 100%, 88%
HSV	323°, 25%, 100%
XYZ	74.5134, 64.7288, 84.1679
YIQ	215.2830, 25.0290, 25.4850

Conversions

Conversions Part 2

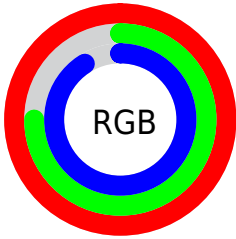
Format	Color
R_{YB}	255, 192, 231
Decimal	16761063
CIE _{Lab}	84.34, 28.52, -10.55
CIE _{LCh}	84, 30.407, 339.708
Yxy	64.7288, 0.3335, 0.2897
Android (android.graphics.Color)	4294951143 (0xFFFFC0E7)
YUV	215.2830, 7.7485, 34.8318
Hunter-Lab	80.4542, 24.5245, -5.7088

Details

The XYZ color **74.5134, 64.7288, 84.1679** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8951, 87.6854, 78.2102**, and the grayscale version is **64.7217, 68.0923, 74.1525**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.1150, 33.2779, 44.8664** is the 20% darker color. If you saturate the color by 10%, you get **68.0577, 53.9525, 75.4337**, and if you desaturate by 10%, it is **82.0183, 77.4809, 93.6293**.

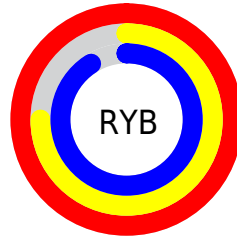
Distribution



Red (100%)

Green (75%)

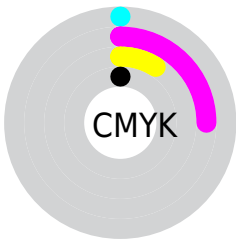
Blue (91%)



Red (100%)

Yellow (75%)

Blue (91%)

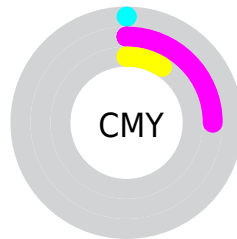


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5134, 64.7288, 84.1679 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 74.5134, 64.7288, 84.1679 by changing the saturation by 10% instead.


 74.5134, 64.7288,
84.1679

 74.5134, 64.7288,
84.1679

465.2664,
441.8168, 528.9432

 55.5071, 47.2412,
62.6079


 124.6149,
111.6599, 141.0738

 40.0433, 33.2264,
45.0851

156.4409,
141.8721, 177.2568

 27.7567, 22.2999,
31.1810


193.2707,
177.0947, 219.1512

 18.2818, 14.0774,
20.4771

235.4699,
217.7121, 267.1756

 11.2534, 8.1745,
12.5548

283.4036,
264.1086, 321.7484

 6.3061, 4.2068,
6.9956

337.4374,

 3.0745, 1.7899,

316.6686, 383.2883

3.3810

397.9366,
375.7765, 452.2137

■ 1.1933, 0.4809,
1.2923

■ 0.1011, 0.0000,
0.0555

■ 74.5134, 64.7288,
84.1679

■ 74.5134, 64.7288,
84.1679

■ 68.0577, 53.9525,
75.4337

■ 82.0183, 77.4809,
93.6293

■ 62.5955, 45.0434,
67.3996

■ 90.6153, 92.2940,
103.8355

■ 58.0723, 37.8947,
60.0420

95.0500, 100.0000,
108.9000

■ 54.4269, 32.3854,
53.3342

■ 51.5898, 28.3792,
47.2466

■ 49.4808, 25.7175,
41.7456

■ 48.0012, 24.2052,
36.7915

■ 47.3989, 23.7235,
34.3622

Harmonies

Analogous

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



70.1906, 64.7288, 103.1072



74.5134, 64.7288, 84.1679



75.2195, 64.7288, 64.3960

Triad

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



74.5134, 64.7288, 84.1679



59.3605, 64.7288, 39.8285



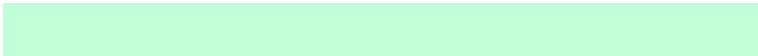
52.0706, 64.7288, 96.9860

Complementary

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



74.5134, 64.7288, 84.1679



69.8951, 87.6854, 78.2102

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.



49.5987, 64.7288, 76.9328



74.5134, 64.7288, 84.1679



53.5996, 64.7288, 45.5812

Square

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



74.5134, 64.7288, 84.1679



66.1334, 64.7288, 41.0535



50.1372, 64.7288, 58.3605



57.1316, 64.7288, 111.3956

Rectangle

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



74.5134, 64.7288, 84.1679



73.4952, 64.7288, 53.6196



50.1372, 64.7288, 58.3605



50.9267, 64.7288, 90.5460

Sweetspot

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



74.5149, 64.7315, 84.1692



88.5419, 88.7050, 101.4246



64.9558, 59.3847, 102.6466



18.8371, 18.7886, 21.5748



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.



74.5149, 64.7315, 84.1692



70.9677, 58.7832, 79.4537



70.5637, 63.1510, 63.3625



18.4821, 18.1762, 21.1560



24.8420, 12.4261, 18.3503



2.4721, 1.2312, 2.0673

Inverse Universe

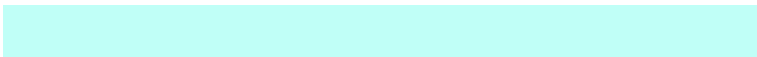
The Inverse Universe completely reimagines the original color for something new.



74.5149, 64.7315, 84.1692



70.9677, 58.7832, 79.4537



74.2267, 89.4180, 101.0203



18.4821, 18.1762, 21.1560



24.8420, 12.4261, 18.3503



2.4721, 1.2312, 2.0673

Previews

White Background



This preview shows how the XYZ color 74.5134, 64.7288, 84.1679 looks on a white background.

Color Contrast Check

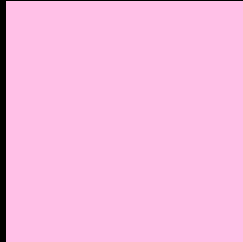
Large Text (above 18pt) WCAG AA × Fail

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 74.5134, 64.7288, 84.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

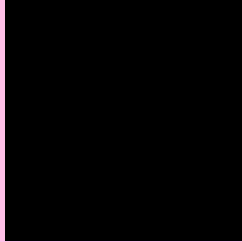
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5134, 64.7288, 84.1679

Background



This preview shows how black text looks on a background with the XYZ color 74.5134, 64.7288, 84.1679.



This preview shows how white text looks on a background with the XYZ color 74.5134, 64.7288,

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

74.5134, 64.7288, 84.1679

Protanopia

64.0043, 64.9909, 93.1755

Deuteranopia

66.4056, 65.0078, 83.1765



Tritanopia

71.6427, 64.8785, 70.3748

Trichromacy



Original Color

74.5134, 64.7288, 84.1679

Protanomaly

67.2200, 64.5729, 89.8099

Deuteranomaly

69.1982, 64.6839, 83.7010

Tritanomaly

72.6780, 64.9748, 75.0405

Monochromacy



Original Color

74.5134, 64.7288, 84.1679

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

67.9971, 66.6691, 77.6912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5134, 64.7288, 84.1679 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, 192, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 231) }
```

Border

The CSS property to change the border of an element to XYZ 74.5134, 64.7288, 84.1679 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, 192, 231) }
```


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

```
.border{ border-color:rgb(255, 192, 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, 192, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5134, 64.7288, 84.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 231) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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