

Converting Colors

XYZ(100.5883, 78.0850,
84.1849)

Have a look what the booklet for
XYZ(100.5883, 78.0850, 84.1849)
contains.

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Color

**XYZ(74.2325, 64.6164,
82.6885)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0E5
RGB	255, 192, 229
RGB Percent	100%, 75%, 90%
CMY	0.0000, 0.2470, 0.1020
CMYK	0.00, 0.25, 0.10, 0.00
HSL	325°, 100%, 88%
HSV	325°, 25%, 100%
XYZ	74.2325, 64.6164, 82.6885
YIQ	215.0550, 25.6710, 24.8630

Conversions

Conversions Part 2

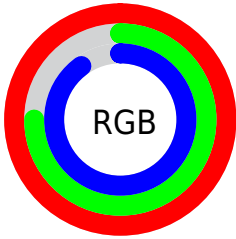
Format	Color
R _Y B	255, 192, 229
Decimal	16761061
CIE Lab	84.29, 28.19, -9.56
CIE LCh	84, 29.769, 341.260
Yxy	64.6164, 0.3351, 0.2917
Android (android.graphics.Color)	4294951141 (0xFFFFC0E5)
YUV	215.0550, 6.8749, 35.0318
Hunter-Lab	80.3843, 24.1668, -4.7205

Details

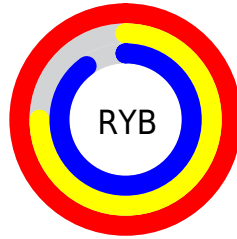
The XYZ color **74.2325, 64.6164, 82.6885** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.1552, 87.7894, 79.5804**, and the grayscale version is **64.5727, 67.9355, 73.9817**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.0172, 33.2387, 44.3510** is the 20% darker color. If you saturate the color by 10%, you get **67.6858, 53.8037, 73.4751**, and if you desaturate by 10%, it is **81.8412, 77.4100, 92.6972**.

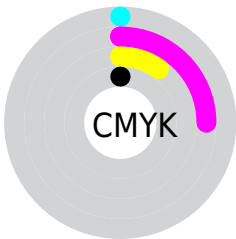
Distribution



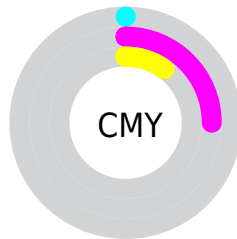
- Red (100%)
- Green (75%)
- Blue (90%)



- Red (100%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2325, 64.6164, 82.6885 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 74.2325, 64.6164, 82.6885 by changing the saturation by 10% instead.


 74.2325, 64.6164,
82.6885

 74.2325, 64.6164,
82.6885


464.3133,
441.4122, 523.8916

 55.2763, 47.1501,
61.3941


 124.2191,
111.4982, 138.9844

 39.8577, 33.1543,
44.1107

155.9802,
141.6824, 174.8230

 27.6113, 22.2447,
30.4197


192.7403,
176.8748, 216.3468

 18.1718, 14.0368,
19.9026


234.8647,
217.4597, 263.9742

 11.1739, 8.1463,
12.1409

282.7189,
263.8215, 318.1238

 6.2521, 4.1887,
6.7160


336.6682,


 3.0411, 1.7797,


316.3446, 379.2143


3.2094


397.0779,
375.4133, 447.6640


 1.1755, 0.4745,
1.2025


 0.0869, 0.0000,
0.0000


 74.2325, 64.6164,
82.6885


 74.2325, 64.6164,
82.6885

 67.6858, 53.8037,
73.4751


 81.8412, 77.4100,
92.6972

 62.1451, 44.8632,
65.0280

 90.5555, 92.2700,
103.5206

 57.5558, 37.6881,
57.3220

95.0500, 100.0000,
108.9000

 53.8560, 32.1571,
50.3283

■ 50.9762, 28.1338,
44.0152

■ 48.8354, 25.4593,
38.3472

■ 47.3347, 23.9387,
33.2822

■ 46.7255, 23.4542,
30.8161

Harmonies

Analogous

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



70.1696, 64.6164, 101.3609



74.2325, 64.6164, 82.6885



74.7196, 64.6164, 63.4963

Triad

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



74.2325, 64.6164, 82.6885



58.9715, 64.6164, 40.3959



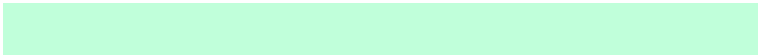
52.3630, 64.6164, 97.1451

Complementary

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



74.2325, 64.6164, 82.6885



70.1552, 87.7894, 79.5804

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.



49.7932, 64.6164, 77.6933



74.2325, 64.6164, 82.6885



53.4224, 64.6164, 46.4223

Square

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



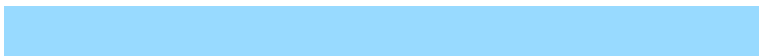
74.2325, 64.6164, 82.6885



65.5832, 64.6164, 41.2494



50.1667, 64.6164, 59.3155



57.4290, 64.6164, 110.6844

Rectangle

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



74.2325, 64.6164, 82.6885



72.9134, 64.6164, 53.1335



50.1667, 64.6164, 59.3155



51.1955, 64.6164, 90.9485

Sweetspot

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



74.2340, 64.6191, 82.6898



88.4540, 88.6698, 100.9617



65.5768, 59.7048, 102.6757



18.8167, 18.7805, 21.4676



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.



74.2340, 64.6191, 82.6898



70.6370, 58.6509, 77.7121



70.3192, 63.0532, 62.0752



18.4569, 18.1661, 21.0233



24.4912, 12.2858, 16.5027



2.4390, 1.2180, 1.8932

Inverse Universe

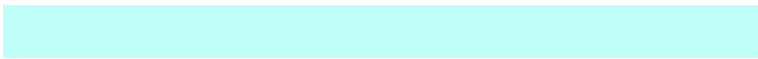
The Inverse Universe completely reimagines the original color for something new.



74.2340, 64.6191, 82.6898



70.6370, 58.6509, 77.7121



74.5519, 89.5481, 102.7331



18.4569, 18.1661, 21.0233



24.4912, 12.2858, 16.5027



2.4390, 1.2180, 1.8932

Previews

White Background



This preview shows how the XYZ color 74.2325, 64.6164, 82.6885 looks on a white background.

Color Contrast Check

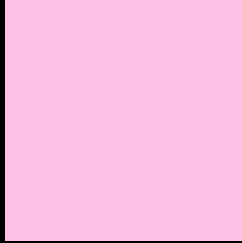
Large Text (above 18pt) WCAG AA × Fail

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 74.2325, 64.6164, 82.6885 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 74.2325, 64.6164, 82.6885

Background



This preview shows how black text looks on a background with the XYZ color 74.2325, 64.6164, 82.6885.



This preview shows how white text looks on a background with the XYZ color 74.2325, 64.6164,

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

74.2325, 64.6164, 82.6885

Protanopia

63.9822, 65.0140, 91.6148

Deuteranopia

66.4369, 65.0560, 81.7285



Tritanopia

71.6560, 64.5660, 69.6586

Trichromacy



Original Color

74.2325, 64.6164, 82.6885



Protanomaly

67.2367, 64.6153, 88.2851



Deuteranomaly

68.9188, 64.5722, 82.2300



Tritanomaly

72.6892, 64.6642, 74.2959

Monochromacy



Original Color

74.2325, 64.6164, 82.6885



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.8642, 66.6159, 76.9915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2325, 64.6164, 82.6885 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 229) }
```

Border

The CSS property to change the border of an element to XYZ 74.2325, 64.6164, 82.6885 is called "border". The border property can be set on classes, ids or directly on the HTML element.

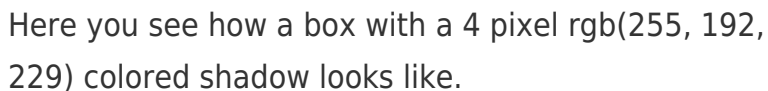
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 229) }
```


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

```
.border{ border-color:rgb(255, 192, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2325, 64.6164, 82.6885 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, 229) }
```

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

```
.background{ background-color: rgb(255,  
192, 229) }
```

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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