

Converting Colors

XYZ(74.7640, 64.8658, 85.3742)

Have a look what the booklet for
XYZ(74.7640, 64.8658, 85.3742)
contains.

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Color

**XYZ(74.7976, 64.8425,
85.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0E9
RGB	255, 192, 233
RGB Percent	100%, 75%, 91%
CMY	0.0000, 0.2470, 0.0863
CMYK	0.00, 0.25, 0.09, 0.00
HSL	321°, 100%, 88%
HSV	321°, 25%, 100%
XYZ	74.7976, 64.8425, 85.6644
YIQ	215.5110, 24.3870, 26.1070

Conversions

Conversions Part 2

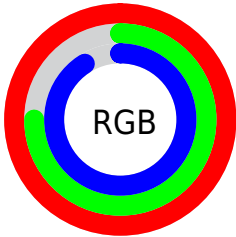
Format	Color
R _Y B	255, 192, 233
Decimal	16761065
CIE Lab	84.40, 28.85, -11.53
CIE LCh	84, 31.069, 338.225
Yxy	64.8425, 0.3320, 0.2878
Android (android.graphics.Color)	4294951145 (0xFFFFC0E9)
YUV	215.5110, 8.6221, 34.6319
Hunter-Lab	80.5248, 24.8859, -6.7068

Details

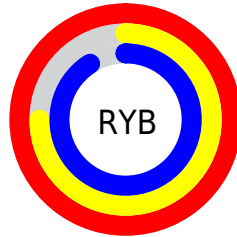
The XYZ color **74.7976, 64.8425, 85.6644** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.6380, 87.5825, 76.8564**, and the grayscale version is **64.8709, 68.2492, 74.3234**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.3130, 33.3570, 45.9088** is the 20% darker color. If you saturate the color by 10%, you get **68.4360, 54.1038, 77.4255**, and if you desaturate by 10%, it is **82.1964, 77.5522, 94.5675**.

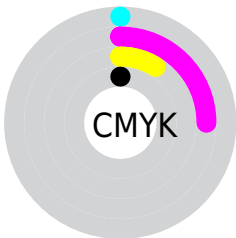
Distribution



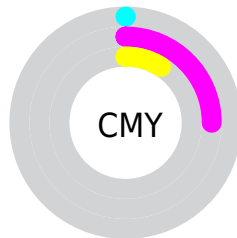
- Red (100%)
- Green (75%)
- Blue (91%)



- 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 74.7976, 64.8425, 85.6644 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 74.7976, 64.8425, 85.6644 by changing the saturation by 10% instead.


 74.7976, 64.8425,
85.6644

 74.7976, 64.8425,
85.6644


466.2295,
442.2258, 534.0258

 55.7407, 47.3334,
63.8372


 125.0153,
111.8234, 143.1835

 40.2312, 33.2993,
46.0735

156.9067,
142.0640, 179.7124

 27.9039, 22.3558,
31.9547


193.8070,
177.3171, 221.9790

 18.3933, 14.1186,
21.0624

236.0816,
217.9673, 270.4018

 11.3341, 8.2032,
12.9779

284.0958,
264.3988, 325.3993

 6.3610, 4.2252,
7.2828

338.2149,

 3.1085, 1.8003,

316.9962, 387.3902

3.5585

398.8044,
376.1437, 456.7928

■ 1.2114, 0.4874,
1.3864

■ 0.1154, 0.0000,
0.1311

■ 74.7976, 64.8425,
85.6644

■ 74.7976, 64.8425,
85.6644

■ 68.4360, 54.1038,
77.4255

■ 82.1964, 77.5522,
94.5675

■ 63.0561, 45.2277,
69.8251

■ 90.6753, 92.3180,
104.1511

■ 58.6040, 38.1073,
62.8414

95.0500, 100.0000,
108.9000

■ 55.0184, 32.6220,
56.4492

■ 52.2305, 28.6355,
50.6206

■ 50.1602, 25.9892,
45.3236

■ 48.7093, 24.4885,
40.5205

■ 48.1182, 24.0113,
38.1503

Harmonies

Analogous

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



70.2143, 64.8425, 104.8753



74.7976, 64.8425, 85.6644



75.7237, 64.8425, 65.3024

Triad

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



74.7976, 64.8425, 85.6644



59.7513, 64.8425, 39.2659



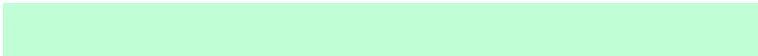
51.7802, 64.8425, 96.8333

Complementary

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



74.7976, 64.8425, 85.6644



69.6380, 87.5825, 76.8564

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.



49.4049, 64.8425, 76.1818



74.7976, 64.8425, 85.6644



53.7771, 64.8425, 44.7511

Square

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



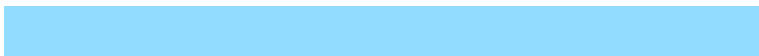
74.7976, 64.8425, 85.6644



66.6872, 64.8425, 40.8569



50.1077, 64.8425, 57.4184



56.8368, 64.8425, 112.1161

Rectangle

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



74.7976, 64.8425, 85.6644



74.0817, 64.8425, 54.1066



50.1077, 64.8425, 57.4184



50.6596, 64.8425, 90.1504

Sweetspot

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



74.7991, 64.8452, 85.6657



88.6301, 88.7403, 101.8889



64.3427, 59.0687, 102.6179



18.8575, 18.7968, 21.6825



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.



74.7991, 64.8452, 85.6657



71.3032, 58.9174, 81.2202



70.8116, 63.2502, 64.6675



18.5074, 18.1863, 21.2893



25.2161, 12.5758, 20.3205



2.5069, 1.2451, 2.2509

Inverse Universe

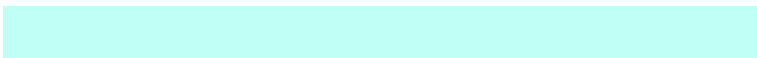
The Inverse Universe completely reimagines the original color for something new.



74.7991, 64.8452, 85.6657



71.3032, 58.9174, 81.2202



73.9051, 89.2894, 99.3267



18.5074, 18.1863, 21.2893



25.2161, 12.5758, 20.3205



2.5069, 1.2451, 2.2509

Previews

White Background



This preview shows how the XYZ color 74.7976, 64.8425, 85.6644 looks on a white background.

Color Contrast Check

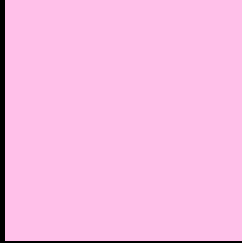
Large Text (above 18pt) WCAG AA × Fail

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 74.7976, 64.8425, 85.6644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

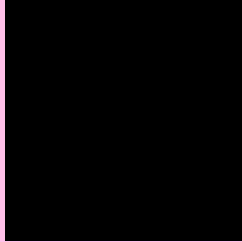
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7976, 64.8425, 85.6644

Background



This preview shows how black text looks on a background with the XYZ color 74.7976, 64.8425, 85.6644.



This preview shows how white text looks on a background with the XYZ color 74.7976, 64.8425,

85.6644.

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

74.7976, 64.8425, 85.6644

Protanopia

64.3064, 65.1117, 94.7665

Deuteranopia

66.3793, 64.9618, 84.6416



Tritanopia

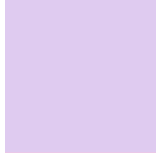
71.6427, 64.8785, 70.3748

Trichromacy



Original Color

74.7976, 64.8425, 85.6644



Protanomaly

67.5155, 64.6911, 91.3663



Deuteranomaly

69.1514, 64.6272, 85.1735



Tritanomaly

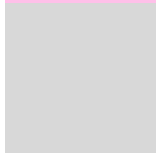
72.8093, 65.0273, 75.7319

Monochromacy



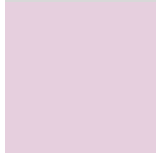
Original Color

74.7976, 64.8425, 85.6644



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.1308, 66.7226, 78.3951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7976, 64.8425, 85.6644 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.7976, 64.8425, 85.6644 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, 233) }
```


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

```
.border{ border-color:rgb(255, 192, 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, 192, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7976, 64.8425, 85.6644 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, 233) }
```

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

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