

Converting Colors

XYZ(96.8594, 76.3034, 83.0814)

Have a look what the booklet for
XYZ(96.8594, 76.3034, 83.0814)
contains.

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Color

**XYZ(74.0932, 64.5607,
81.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0E4
RGB	255, 192, 228
RGB Percent	100%, 75%, 89%
CMY	0.0000, 0.2470, 0.1059
CMYK	0.00, 0.25, 0.11, 0.00
HSL	326°, 100%, 88%
HSV	326°, 25%, 100%
XYZ	74.0932, 64.5607, 81.9551
YIQ	214.9410, 25.9920, 24.5520

Conversions

Conversions Part 2

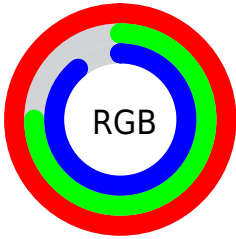
Format	Color
R _Y B	255, 192, 228
Decimal	16761060
CIE Lab	84.26, 28.03, -9.07
CIE LCh	84, 29.458, 342.063
Yxy	64.5607, 0.3359, 0.2926
Android (android.graphics.Color)	4294951140 (0xFFFFC0E4)
YUV	214.9410, 6.4381, 35.1317
Hunter-Lab	80.3497, 23.9891, -4.2299

Details

The XYZ color **74.0932, 64.5607, 81.9551** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2866, 87.8420, 80.2718**, and the grayscale version is **64.4983, 67.8572, 73.8965**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.9200, 33.1999, 43.8394** is the 20% darker color. If you saturate the color by 10%, you get **67.5022, 53.7303, 72.5080**, and if you desaturate by 10%, it is **81.7532, 77.3748, 92.2334**.

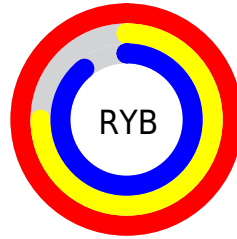
Distribution



Red (100%)

Green (75%)

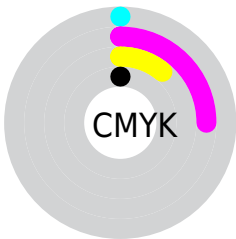
Blue (89%)



Red (100%)

Yellow (75%)

Blue (89%)

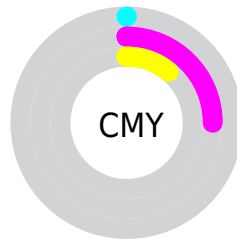


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0932, 64.5607, 81.9551 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 74.0932, 64.5607, 81.9551 by changing the saturation by 10% instead.

 74.0932, 64.5607,
81.9551

 74.0932, 64.5607,
81.9551


463.8403,
441.2116, 521.3770

 55.1619, 47.1050,
60.7929


 124.0227,
111.4180, 137.9472

 39.7657, 33.1186,
43.6286


155.7516,
141.5884, 173.6141

 27.5393, 22.2173,
30.0436


192.4771,
176.7658, 214.9531

 18.1173, 14.0167,
19.6193

234.5644,
217.3346, 262.3826

 11.1345, 8.1323,
11.9373

282.3791,
263.6792, 316.3212

 6.2253, 4.1797,
6.5790

336.2864,

 3.0245, 1.7746,

316.1840, 377.1875

3.1258

396.6517,
375.2333, 445.3999

■ 1.1667, 0.4713,
1.1592

■ 0.0799, 0.0000,
0.0000

■ 74.0932, 64.5607,
81.9551

■ 74.0932, 64.5607,
81.9551

■ 67.5022, 53.7303,
72.5080

■ 81.7532, 77.3748,
92.2334

■ 61.9237, 44.7747,
63.8623

■ 90.5257, 92.2581,
103.3634

■ 57.3031, 37.5870,
55.9914

95.0500, 100.0000,
108.9000

■ 53.5783, 32.0460,
48.8656

■ 50.6794, 28.0150,
42.4521

■ 48.5253, 25.3353,
36.7141

■ 47.0169, 23.8115,
31.6084

■ 46.4057, 23.3263,
29.1321

Harmonies

Analogous

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



70.1600, 64.5607, 100.4958



74.0932, 64.5607, 81.9551



74.4713, 64.5607, 63.0491

Triad

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



74.0932, 64.5607, 81.9551



58.7776, 64.5607, 40.6816



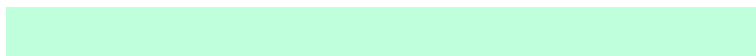
52.5100, 64.5607, 97.2269

Complementary

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



74.0932, 64.5607, 81.9551



70.2866, 87.8420, 80.2718

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.



49.8909, 64.5607, 78.0772



74.0932, 64.5607, 81.9551



53.3339, 64.5607, 46.8472

Square

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



74.0932, 64.5607, 81.9551



65.3095, 64.5607, 41.3472



50.1814, 64.5607, 59.7980



57.5788, 64.5607, 110.3320

Rectangle

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



74.0932, 64.5607, 81.9551



72.6241, 64.5607, 52.8910



50.1814, 64.5607, 59.7980



51.3307, 64.5607, 91.1523

Sweetspot

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



74.0947, 64.5634, 81.9564



88.4102, 88.6523, 100.7307



65.8903, 59.8664, 102.6903



18.8066, 18.7764, 21.4140



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.



74.0947, 64.5634, 81.9564



70.4734, 58.5855, 76.8505



70.1983, 63.0048, 61.4382



18.4444, 18.1611, 20.9572



24.3243, 12.2190, 15.6241



2.4231, 1.2116, 1.8096

Inverse Universe

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



74.0947, 64.5634, 81.9564



70.4734, 58.5855, 76.8505



74.7160, 89.6137, 103.5967



18.4444, 18.1611, 20.9572



24.3243, 12.2190, 15.6241



2.4231, 1.2116, 1.8096

Previews

White Background



This preview shows how the XYZ color 74.0932, 64.5607, 81.9551 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 74.0932, 64.5607, 81.9551 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 74.0932, 64.5607, 81.9551

Background



This preview shows how black text looks on a background with the XYZ color 74.0932, 64.5607, 81.9551.



This preview shows how white text looks on a background with the XYZ color 74.0932, 64.5607,

81.9551.

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

74.0932, 64.5607, 81.9551

Protanopia

63.8341, 64.9547, 90.8345

Deuteranopia

66.0608, 64.5240, 80.9241



Tritanopia

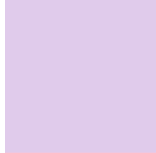
71.6560, 64.5660, 69.6586

Trichromacy



Original Color

74.0932, 64.5607, 81.9551



Protanomaly

67.0918, 64.5573, 87.5220



Deuteranomaly

68.7804, 64.5168, 81.5009



Tritanomaly

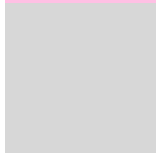
72.6892, 64.6642, 74.2959

Monochromacy



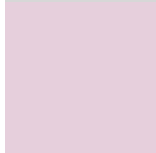
Original Color

74.0932, 64.5607, 81.9551



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 74.0932, 64.5607, 81.9551 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.0932, 64.5607, 81.9551 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, 228) }
```


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

```
.border{ border-color:rgb(255, 192, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0932, 64.5607, 81.9551 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
192, 228) }
```

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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