

Converting Colors

XYZ(74.0936, 63.4163, 85.4856)

Have a look what the booklet for
XYZ(74.0936, 63.4163, 85.4856)
contains.

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Color

**XYZ(74.1456, 63.5384,
85.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDE9
RGB	255, 189, 233
RGB Percent	100%, 74%, 91%
CMY	0.0000, 0.2588, 0.0863
CMYK	0.00, 0.26, 0.09, 0.00
HSL	320°, 100%, 87%
HSV	320°, 26%, 100%
XYZ	74.1456, 63.5384, 85.4470
YIQ	213.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

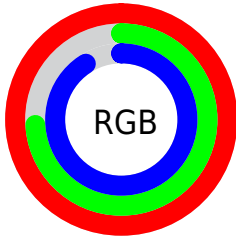
Format	Color
R _Y B	255, 189, 233
Decimal	16760297
CIE Lab	83.72, 30.43, -12.54
CIE LCh	84, 32.910, 337.606
Yxy	63.5384, 0.3323, 0.2848
Android (android.graphics.Color)	4294950377 (0xFFFFBDE9)
YUV	213.7500, 9.4902, 36.1763
Hunter-Lab	79.7110, 26.5430, -7.7588

Details

The XYZ color **74.1456, 63.5384, 85.4470** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5062, 87.0430, 74.8215**, and the grayscale version is **63.6762, 66.9924, 72.9547**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.8885, 32.5080, 45.7673** is the 20% darker color. If you saturate the color by 10%, you get **67.9498, 53.0435, 77.5347**, and if you desaturate by 10%, it is **81.3670, 75.9905, 93.9915**.

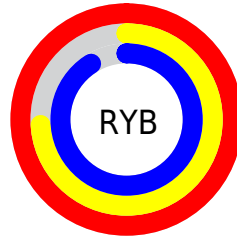
Distribution



Red (100%)

Green (74%)

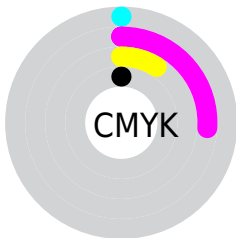
Blue (91%)



Red (100%)

Yellow (74%)

Blue (91%)

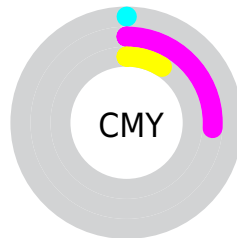


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1456, 63.5384, 85.4470 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 74.1456, 63.5384, 85.4470 by changing the saturation by 10% instead.

 74.1456, 63.5384,
85.4470

 74.1456, 63.5384,
85.4470


464.0183,
437.5208, 533.2891

 55.2049, 46.2769,
63.6585


 124.0966,
109.9459, 142.8772

 39.8003, 32.4644,
45.9297

155.8376,
139.8607, 179.3561

 27.5664, 21.7165,
31.8421

192.5761,
174.7620, 221.5688

 18.1378, 13.6487,
20.9771

234.6774,
215.0343, 269.9339

 11.1493, 7.8767,
12.9162

282.5069,
261.0619, 324.8699

 6.2354, 4.0162,
7.2408

336.4300,

 3.0307, 1.6826,

313.2293, 386.7954

3.5324

396.8120,
371.9208, 456.1290

■ 1.1700, 0.4124,
1.3725

■ 0.0825, 0.0000,
0.1201

■ 74.1456, 63.5384,
85.4470

■ 74.1456, 63.5384,
85.4470

■ 67.9498, 53.0435,
77.5347

■ 81.3670, 75.9905,
93.9915

■ 62.7241, 44.3966,
70.2295

■ 89.6574, 90.4859,
103.1840

■ 58.4139, 37.4898,
63.5101

95.0500, 100.0000,
108.9000

■ 54.9575, 32.2009,
57.3515

■ 52.2848, 28.3913,
51.7263

■ 50.3145, 25.8995,
46.6027

■ 48.9453, 24.5246,
41.9427

■ 48.4954, 24.1622,
40.1364

Harmonies

Analogous

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



69.2575, 63.5384, 105.6673



74.1456, 63.5384, 85.4470



75.2101, 63.5384, 64.0562

Triad

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



74.1456, 63.5384, 85.4470



58.5738, 63.5384, 36.8045



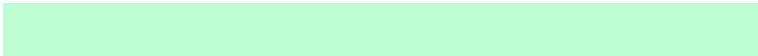
50.0555, 63.5384, 96.3661

Complementary

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



74.1456, 63.5384, 85.4470



68.5062, 87.0430, 74.8215

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.



47.6594, 63.5384, 74.5752



74.1456, 63.5384, 85.4470



52.3161, 63.5384, 42.2421

Square

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



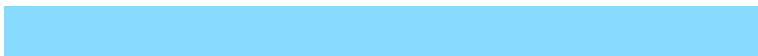
74.1456, 63.5384, 85.4470



65.8314, 63.5384, 38.5694



48.4528, 63.5384, 55.1252



55.2596, 63.5384, 112.7958

Rectangle

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



74.1456, 63.5384, 85.4470



73.5360, 63.5384, 52.3584



48.4528, 63.5384, 55.1252



48.9146, 63.5384, 89.2722

Sweetspot

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



74.1470, 63.5410, 85.4483



87.8082, 87.2376, 101.1800



63.1140, 57.4672, 102.3736



18.5201, 18.1914, 21.3562



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.



74.1470, 63.5410, 85.4483



70.8494, 57.9286, 81.3192



69.8648, 61.8281, 62.8984



18.5201, 18.1914, 21.3562



25.4121, 12.6541, 21.3522



2.5250, 1.2524, 2.3463

Inverse Universe

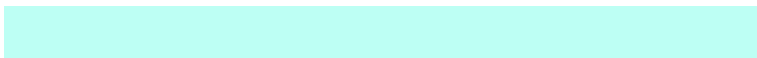
The Inverse Universe completely reimagines the original color for something new.



74.1470, 63.5410, 85.4483



70.8494, 57.9286, 81.3192



73.0770, 88.8713, 98.8910



18.5201, 18.1914, 21.3562



25.4121, 12.6541, 21.3522



2.5250, 1.2524, 2.3463

Previews

White Background



This preview shows how the XYZ color 74.1456, 63.5384, 85.4470 looks on a white background.

Color Contrast Check

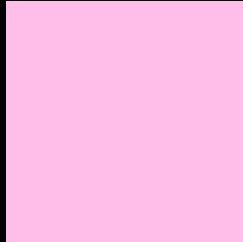
Large Text (above 18pt) WCAG AA × Fail

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 74.1456, 63.5384, 85.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

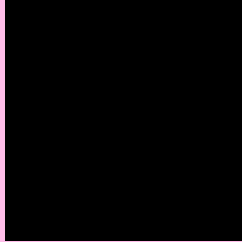
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1456, 63.5384, 85.4470

Background



This preview shows how black text looks on a background with the XYZ color 74.1456, 63.5384, 85.4470.



This preview shows how white text looks on a background with the XYZ color 74.1456, 63.5384,

85.4470.

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

74.1456, 63.5384, 85.4470

Protanopia

63.1514, 63.7748, 95.3675

Deuteranopia

65.1541, 63.6407, 83.7128



Tritanopia

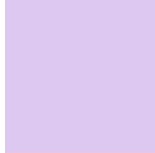
70.6000, 63.3894, 68.1889

Trichromacy



Original Color

74.1456, 63.5384, 85.4470



Protanomaly

66.3503, 63.0316, 91.8884



Deuteranomaly

68.2222, 63.4813, 84.2587



Tritanomaly

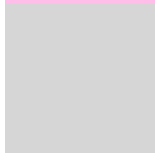
71.8820, 63.5917, 74.1315

Monochromacy



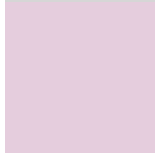
Original Color

74.1456, 63.5384, 85.4470



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.1956, 65.5411, 77.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1456, 63.5384, 85.4470 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, 189, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 233) }
```

Border

The CSS property to change the border of an element to XYZ 74.1456, 63.5384, 85.4470 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, 189, 233) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1456, 63.5384, 85.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 233) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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