

Converting Colors

XYZ(74.2249, 63.4879, 86.1183)

Have a look what the booklet for
XYZ(74.2249, 63.4879, 86.1183)
contains.

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Color

**XYZ(74.2889, 63.5957,
86.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDEA
RGB	255, 189, 234
RGB Percent	100%, 74%, 92%
CMY	0.0000, 0.2588, 0.0823
CMYK	0.00, 0.26, 0.08, 0.00
HSL	319°, 100%, 87%
HSV	319°, 26%, 100%
XYZ	74.2889, 63.5957, 86.2017
YIQ	213.8640, 24.8910, 27.9870

Conversions

Conversions Part 2

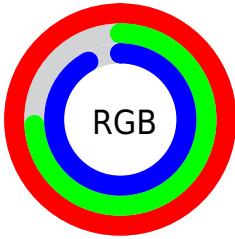
Format	Color
R _Y B	255, 189, 234
Decimal	16760298
CIE Lab	83.75, 30.60, -13.03
CIE LCh	84, 33.253, 336.936
Yxy	63.5957, 0.3315, 0.2838
Android (android.graphics.Color)	4294950378 (0xFFFFBDEA)
YUV	213.8640, 9.9270, 36.0763
Hunter-Lab	79.7469, 26.7261, -8.2661

Details

The XYZ color **74.2889, 63.5957, 86.2017** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3812, 86.9929, 74.1630**, and the grayscale version is **63.7501, 67.0701, 73.0393**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.9886, 32.5481, 46.2943** is the 20% darker color. If you saturate the color by 10%, you get **68.1392, 53.1192, 78.5322**, and if you desaturate by 10%, it is **81.4591, 76.0273, 94.4765**.

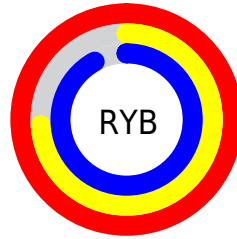
Distribution



Red (100%)

Green (74%)

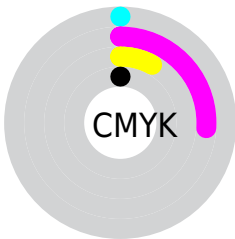
Blue (92%)



Red (100%)

Yellow (74%)

Blue (92%)

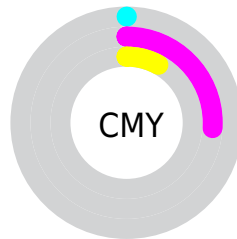


Cyan (0%)

Magenta (26%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2889, 63.5957, 86.2017 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 74.2889, 63.5957, 86.2017 by changing the saturation by 10% instead.


 74.2889, 63.5957,
86.2017

 74.2889, 63.5957,
86.2017


464.5048,
437.7282, 535.8440

 55.3226, 46.3233,
64.2789


 124.2986,
110.0285, 143.9400

 39.8950, 32.5010,
46.4290


156.0727,
139.9576, 180.5925

 27.6405, 21.7445,
32.2334


192.8468,
174.8745, 222.9921

 18.1939, 13.6693,
21.2735

234.9863,
215.1634, 271.5572

 11.1898, 7.8910,
13.1309

282.8564,
261.2089, 326.7064

 6.2629, 4.0253,
7.3870

336.8227,

 3.0478, 1.6877,

313.3952, 388.8583

3.6232

397.2503,
372.1069, 458.4313

■ 1.1791, 0.4157,
1.4210

■ 0.0897, 0.0000,
0.1580

■ 74.2889, 63.5957,
86.2017

■ 74.2889, 63.5957,
86.2017

■ 68.1392, 53.1192,
78.5322

■ 81.4591, 76.0273,
94.4765

■ 62.9546, 44.4887,
71.4435

■ 89.6931, 90.5001,
103.3718

■ 58.6806, 37.5965,
64.9147

95.0500, 100.0000,
108.9000

■ 55.2556, 32.3201,
58.9216

■ 52.6098, 28.5213,
53.4373

■ 50.6616, 26.0383,
48.4309

■ 49.3103, 24.6706,
43.8647

■ 48.8665, 24.3106,
42.0904

Harmonies

Analogous

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



69.2709, 63.5957, 106.5655



74.2889, 63.5957, 86.2017



75.4635, 63.5957, 64.5072

Triad

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



74.2889, 63.5957, 86.2017



58.7681, 63.5957, 36.5373



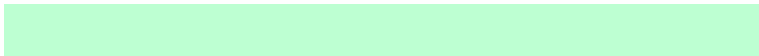
49.9148, 63.5957, 96.2931

Complementary

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



74.2889, 63.5957, 86.2017



68.3812, 86.9929, 74.1630

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.



47.5657, 63.5957, 74.2091



74.2889, 63.5957, 86.2017



52.4040, 63.5957, 41.8470

Square

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



74.2889, 63.5957, 86.2017



66.1081, 63.5957, 38.4750



48.4390, 63.5957, 54.6718



55.1164, 63.5957, 113.1621

Rectangle

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



74.2889, 63.5957, 86.2017



73.8304, 63.5957, 52.5978



48.4390, 63.5957, 54.6718



48.7853, 63.5957, 89.0790

Sweetspot

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



74.2903, 63.5983, 86.2030



87.8563, 87.2568, 101.4332



62.7999, 57.3053, 102.3589



18.5323, 18.1962, 21.4201



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.



74.2903, 63.5983, 86.2030



71.0170, 57.9956, 82.2016



69.9938, 61.8797, 63.5779



18.5323, 18.1962, 21.4201



25.6047, 12.7312, 22.3665



2.5428, 1.2595, 2.4396

Inverse Universe

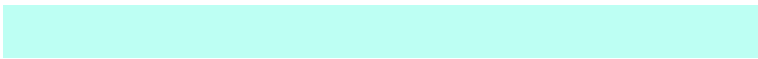
The Inverse Universe completely reimagines the original color for something new.



74.2903, 63.5983, 86.2030



71.0170, 57.9956, 82.2016



72.9104, 88.8047, 98.0139



18.5323, 18.1962, 21.4201



25.6047, 12.7312, 22.3665



2.5428, 1.2595, 2.4396

Previews

White Background



This preview shows how the XYZ color 74.2889, 63.5957, 86.2017 looks on a white background.

Color Contrast Check

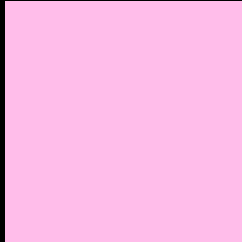
Large Text (above 18pt) WCAG AA × Fail

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 74.2889, 63.5957, 86.2017 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 74.2889, 63.5957, 86.2017

Background



This preview shows how black text looks on a background with the XYZ color 74.2889, 63.5957, 86.2017.



This preview shows how white text looks on a background with the XYZ color 74.2889, 63.5957,

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

74.2889, 63.5957, 86.2017

Protanopia

63.3045, 63.8360, 96.1739

Deuteranopia

64.9932, 63.5415, 84.4405



Tritanopia

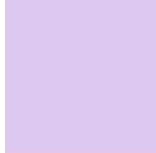
70.8218, 63.8331, 68.2628

Trichromacy



Original Color

74.2889, 63.5957, 86.2017



Protanomaly

66.5001, 63.0915, 92.6773



Deuteranomaly

68.0383, 63.3702, 84.9896



Tritanomaly

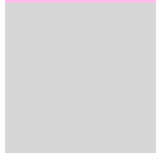
71.8820, 63.5917, 74.1315

Monochromacy



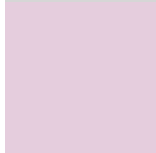
Original Color

74.2889, 63.5957, 86.2017



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 74.2889, 63.5957, 86.2017 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.2889, 63.5957, 86.2017 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, 234) }
```


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

```
.border{ border-color:rgb(255, 189, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2889, 63.5957, 86.2017 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
189, 234) }
```

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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