

Converting Colors

XYZ(73.8161, 63.3035, 84.0302)

Have a look what the booklet for
XYZ(73.8161, 63.3035, 84.0302)
contains.

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Color

**XYZ(73.8614, 63.4247,
83.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDE7
RGB	255, 189, 231
RGB Percent	100%, 74%, 91%
CMY	0.0000, 0.2588, 0.0941
CMYK	0.00, 0.26, 0.09, 0.00
HSL	322°, 100%, 87%
HSV	322°, 26%, 100%
XYZ	73.8614, 63.4247, 83.9506
YIQ	213.5220, 25.8540, 27.0540

Conversions

Conversions Part 2

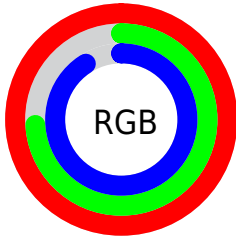
Format	Color
R _Y B	255, 189, 231
Decimal	16760295
CIE Lab	83.67, 30.10, -11.56
CIE LCh	84, 32.239, 338.993
Yxy	63.4247, 0.3339, 0.2867
Android (android.graphics.Color)	4294950375 (0xFFFFBDE7)
YUV	213.5220, 8.6167, 36.3762
Hunter-Lab	79.6396, 26.1796, -6.7517

Details

The XYZ color **73.8614, 63.4247, 83.9506** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7586, 87.1439, 76.1504**, and the grayscale version is **63.5287, 66.8371, 72.7856**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.6905, 32.4289, 44.7249** is the 20% darker color. If you saturate the color by 10%, you get **67.5756, 52.8938, 75.5642**, and if you desaturate by 10%, it is **81.1838, 75.9172, 93.0265**.

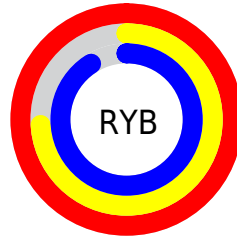
Distribution



Red (100%)

Green (74%)

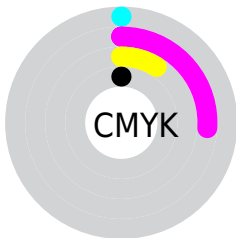
Blue (91%)



Red (100%)

Yellow (74%)

Blue (91%)

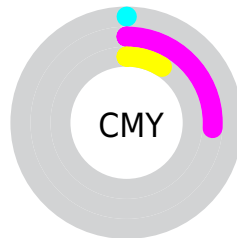


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.8614, 63.4247, 83.9506 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 73.8614, 63.4247, 83.9506 by changing the saturation by 10% instead.


 73.8614, 63.4247,
83.9506

 73.8614, 63.4247,
83.9506


463.0526,
437.1092, 528.2029

 54.9715, 46.1849,
62.4295


 123.6959,
109.7820, 140.7672

 39.6126, 32.3917,
44.9418

155.3711,
139.6682, 176.8997

 27.4195, 21.6609,
31.0690

192.0389,
174.5388, 218.7399

 18.0268, 13.6079,
20.3925

234.0645,
214.7780, 266.7061

 11.0690, 7.8485,
12.4938

281.8133,
260.7702, 321.2170

 6.1809, 3.9982,
6.9543

335.6507,

 2.9971, 1.6725,

312.8999, 382.6911

3.3555

395.9420,
371.5514, 451.5469

■ 1.1522, 0.4058,
1.2789

■ 0.0681, 0.0000,
0.0444

■ 73.8614, 63.4247,
83.9506

■ 73.8614, 63.4247,
83.9506

■ 67.5756, 52.8938,
75.5642

■ 81.1838, 75.9172,
93.0265

■ 62.2705, 44.2151,
67.8411

■ 89.5862, 90.4574,
102.8092

■ 57.8913, 37.2808,
60.7584

95.0500, 100.0000,
108.9000

■ 54.3760, 31.9683,
54.2898

■ 51.6544, 28.1392,
48.4065

■ 49.6446, 25.6315,
43.0753

■ 48.2452, 24.2446,
38.2564

■ 47.7855, 23.8782,
36.3984

Harmonies

Analogous

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



69.2326, 63.4247, 103.8875



73.8614, 63.4247, 83.9506



74.7064, 63.4247, 63.1595

Triad

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



73.8614, 63.4247, 83.9506



58.1866, 63.4247, 37.3424



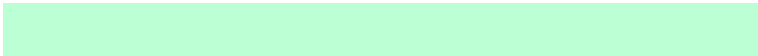
50.3382, 63.4247, 96.5166

Complementary

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



73.8614, 63.4247, 83.9506



68.7586, 87.1439, 76.1504

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.



47.8473, 63.4247, 75.3143



73.8614, 63.4247, 83.9506



52.1404, 63.4247, 43.0400

Square

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



73.8614, 63.4247, 83.9506



65.2806, 63.4247, 38.7575



48.4804, 63.4247, 56.0411



55.5477, 63.4247, 112.0702

Rectangle

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



73.8614, 63.4247, 83.9506



72.9505, 63.4247, 51.8803



48.4804, 63.4247, 56.0411



49.1744, 63.4247, 89.6636

Sweetspot

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



73.8628, 63.4273, 83.9519



87.7123, 87.1992, 100.6751



63.4302, 57.6302, 102.3884



18.4959, 18.1817, 21.2287



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.



73.8628, 63.4273, 83.9519



70.5178, 57.7960, 79.5730



69.7366, 61.7768, 62.2236



18.4959, 18.1817, 21.2287



25.0432, 12.5066, 19.4097



2.4909, 1.2387, 2.1663

Inverse Universe

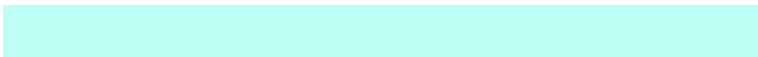
The Inverse Universe completely reimagines the original color for something new.



73.8628, 63.4273, 83.9519



70.5178, 57.7960, 79.5730



73.2446, 88.9383, 99.7734



18.4959, 18.1817, 21.2287



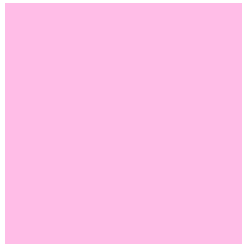
25.0432, 12.5066, 19.4097



2.4909, 1.2387, 2.1663

Previews

White Background



This preview shows how the XYZ color 73.8614, 63.4247, 83.9506 looks on a white background.

Color Contrast Check

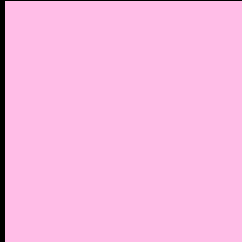
Large Text (above 18pt) WCAG AA × Fail

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 73.8614, 63.4247, 83.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

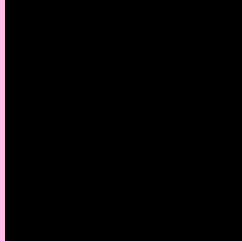
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8614, 63.4247, 83.9506

Background



This preview shows how black text looks on a background with the XYZ color 73.8614, 63.4247, 83.9506.



This preview shows how white text looks on a background with the XYZ color 73.8614, 63.4247,

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

73.8614, 63.4247, 83.9506

Protanopia

62.8476, 63.6533, 93.7679

Deuteranopia

64.8747, 63.5290, 82.2418



Tritanopia

70.6000, 63.3894, 68.1889

Trichromacy



Original Color

73.8614, 63.4247, 83.9506



Protanomaly

66.0531, 62.9127, 90.3233



Deuteranomaly

67.9412, 63.3689, 82.7793



Tritanomaly

71.7523, 63.5398, 73.4484

Monochromacy



Original Color

73.8614, 63.4247, 83.9506



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.0627, 65.4880, 76.8160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8614, 63.4247, 83.9506 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 231) }
```

Border

The CSS property to change the border of an element to XYZ 73.8614, 63.4247, 83.9506 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, 231) }
```


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

```
.border{ border-color:rgb(255, 189, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8614, 63.4247, 83.9506 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
189, 231) }
```

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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