

Converting Colors

XYZ(74.0467, 63.5041, 84.9100)

Have a look what the booklet for
XYZ(74.0467, 63.5041, 84.9100)
contains.

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Color

**XYZ(74.0031, 63.4814,
84.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDE8
RGB	255, 189, 232
RGB Percent	100%, 74%, 91%
CMY	0.0000, 0.2588, 0.0902
CMYK	0.00, 0.26, 0.09, 0.00
HSL	321°, 100%, 87%
HSV	321°, 26%, 100%
XYZ	74.0031, 63.4814, 84.6967
YIQ	213.6360, 25.5330, 27.3650

Conversions

Conversions Part 2

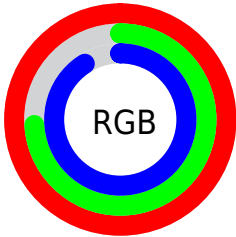
Format	Color
R _Y B	255, 189, 232
Decimal	16760296
CIE Lab	83.70, 30.26, -12.05
CIE LCh	84, 32.572, 338.292
Yxy	63.4814, 0.3331, 0.2857
Android (android.graphics.Color)	4294950376 (0xFFFFBDE8)
YUV	213.6360, 9.0535, 36.2762
Hunter-Lab	79.6752, 26.3609, -7.2541

Details

The XYZ color **74.0031, 63.4814, 84.6967** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6320, 87.0933, 75.4839**, and the grayscale version is **63.6024, 66.9147, 72.8701**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.7891, 32.4683, 45.2442** is the 20% darker color. If you saturate the color by 10%, you get **67.7619, 52.9683, 76.5455**, and if you desaturate by 10%, it is **81.2753, 75.9538, 93.5082**.

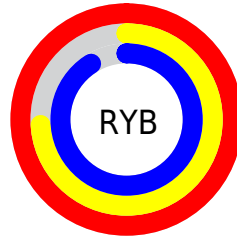
Distribution



Red (100%)

Green (74%)

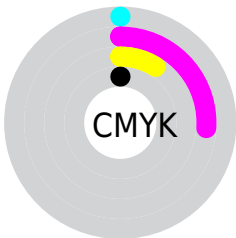
Blue (91%)



Red (100%)

Yellow (74%)

Blue (91%)

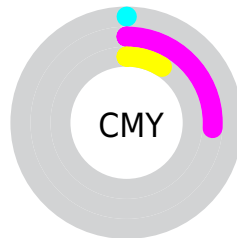


Cyan (0%)

Magenta (26%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0031, 63.4814, 84.6967 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 74.0031, 63.4814, 84.6967 by changing the saturation by 10% instead.


 74.0031, 63.4814,
84.6967

 74.0031, 63.4814,
84.6967

463.5342,
437.3145, 530.7423

 55.0879, 46.2308,
63.0421


 123.8957,
109.8637, 141.8197

 39.7062, 32.4280,
45.4340

155.6037,
139.7642, 178.1253

 27.4927, 21.6886,
31.4540


192.3068,
174.6501, 220.1515

 18.0821, 13.6283,
20.6835

234.3702,
214.9058, 268.3170

 11.1090, 7.8626,
12.7038

282.1592,
260.9157, 323.0403

 6.2080, 4.0071,
7.0966


336.0394,


 3.0138, 1.6776,


313.0642, 384.7399


3.4432


396.3759,
371.7356, 453.8344


 1.1611, 0.4091,
1.3252


 0.0753, 0.0000,
0.0823


 74.0031, 63.4814,
84.6967


 74.0031, 63.4814,
84.6967

 67.7619, 52.9683,
76.5455


 81.2753, 75.9538,
93.5082

 62.4961, 44.3054,
69.0289

 89.6218, 90.4717,
102.9965

 58.1508, 37.3846,
62.1248

95.0500, 100.0000,
108.9000

 54.6643, 32.0836,
55.8078

■ 51.9664, 28.2640,
50.0496

■ 49.9755, 25.7639,
44.8178

■ 48.5903, 24.3827,
40.0736

■ 48.1351, 24.0181,
38.2393

Harmonies

Analogous

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



69.2447, 63.4814, 104.7747



74.0031, 63.4814, 84.6967



74.9577, 63.4814, 63.6071

Triad

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



74.0031, 63.4814, 84.6967



58.3800, 63.4814, 37.0729



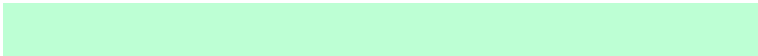
50.1966, 63.4814, 96.4406

Complementary

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



74.0031, 63.4814, 84.6967



68.6320, 87.0933, 75.4839

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.



47.7533, 63.4814, 74.9436



74.0031, 63.4814, 84.6967



52.2283, 63.4814, 42.6397

Square

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



74.0031, 63.4814, 84.6967



65.5555, 63.4814, 38.6635



48.4666, 63.4814, 55.5815



55.4033, 63.4814, 112.4318

Rectangle

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



74.0031, 63.4814, 84.6967



73.2427, 63.4814, 52.1192



48.4666, 63.4814, 55.5815



49.0443, 63.4814, 89.4670

Sweetspot

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



74.0045, 63.4840, 84.6980



87.7602, 87.2184, 100.9274



63.1140, 57.4672, 102.3736



18.5080, 18.1865, 21.2924



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.



74.0045, 63.4840, 84.6980



70.6830, 57.8621, 80.4431



69.8648, 61.8281, 62.8984



18.5080, 18.1865, 21.2924



25.2249, 12.5793, 20.3668



2.5077, 1.2455, 2.2552

Inverse Universe

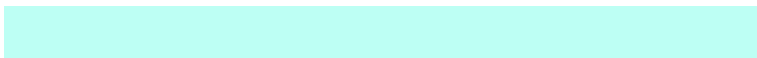
The Inverse Universe completely reimagines the original color for something new.



74.0045, 63.4840, 84.6980



70.6830, 57.8621, 80.4431



73.0770, 88.8713, 98.8910



18.5080, 18.1865, 21.2924



25.2249, 12.5793, 20.3668



2.5077, 1.2455, 2.2552

Previews

White Background



This preview shows how the XYZ color 74.0031, 63.4814, 84.6967 looks on a white background.

Color Contrast Check

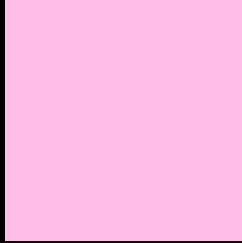
Large Text (above 18pt) WCAG AA × Fail

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 74.0031, 63.4814, 84.6967 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 74.0031, 63.4814, 84.6967

Background



This preview shows how black text looks on a background with the XYZ color 74.0031, 63.4814, 84.6967.



This preview shows how white text looks on a background with the XYZ color 74.0031, 63.4814,

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

74.0031, 63.4814, 84.6967

Protanopia

62.9991, 63.7139, 94.5655

Deuteranopia

65.0140, 63.5847, 82.9752



Tritanopia

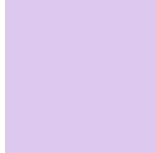
70.6000, 63.3894, 68.1889

Trichromacy



Original Color

74.0031, 63.4814, 84.6967



Protanomaly

66.2012, 62.9720, 91.1037



Deuteranomaly

68.0813, 63.4250, 83.5169



Tritanomaly

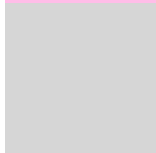
71.8820, 63.5917, 74.1315

Monochromacy



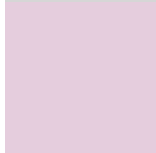
Original Color

74.0031, 63.4814, 84.6967



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 74.0031, 63.4814, 84.6967 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 232) }
```

Border

The CSS property to change the border of an element to XYZ 74.0031, 63.4814, 84.6967 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, 232) }
```


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

```
.border{ border-color:rgb(255, 189, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0031, 63.4814, 84.6967 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, 232) }
```

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

```
.background{ background-color: rgb(255,  
189, 232) }
```

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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