

Converting Colors

XYZ(152.4041, 103.3406,
93.6916)

Have a look what the booklet for
XYZ(152.4041, 103.3406, 93.6916)
contains.

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Color

**XYZ(74.8032, 63.4584,
89.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCEF
RGB	255, 188, 239
RGB Percent	100%, 74%, 94%
CMY	0.0000, 0.2627, 0.0627
CMYK	0.00, 0.26, 0.06, 0.00
HSL	314°, 100%, 87%
HSV	314°, 26%, 100%
XYZ	74.8032, 63.4584, 89.9675
YIQ	213.8470, 23.5610, 30.0650

Conversions

Conversions Part 2

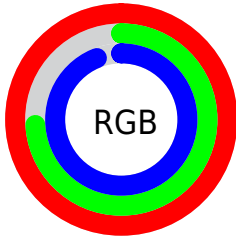
Format	Color
R _Y B	255, 188, 239
Decimal	16760047
CIE Lab	83.68, 31.97, -15.81
CIE LCh	84, 35.660, 333.687
Yxy	63.4584, 0.3278, 0.2780
Android (android.graphics.Color)	4294950127 (0xFFFFBCEF)
YUV	213.8470, 12.4004, 36.0912
Hunter-Lab	79.6608, 28.2090, -11.1985

Details

The XYZ color **74.8032, 63.4584, 89.9675** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.4001, 86.5720, 70.2873**, and the grayscale version is **63.7232, 67.0417, 73.0085**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **40.3610, 32.4749, 48.9408** is the 20% darker color. If you saturate the color by 10%, you get **68.9449, 53.1574, 83.6511**, and if you desaturate by 10%, it is **81.6570, 75.7015, 96.7670**.

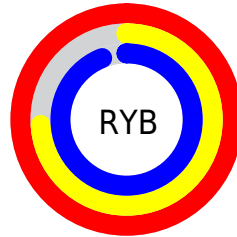
Distribution



Red (100%)

Green (74%)

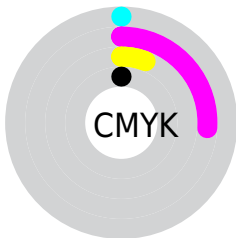
Blue (94%)



Red (100%)

Yellow (74%)

Blue (94%)

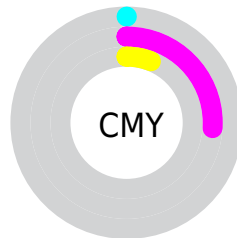


Cyan (0%)

Magenta (26%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8032, 63.4584, 89.9675 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 74.8032, 63.4584, 89.9675 by changing the saturation by 10% instead.


 74.8032, 63.4584,
89.9675

 74.8032, 63.4584,
89.9675


466.2485,
437.2312, 548.4925

 55.7453, 46.2122,
67.3801


 125.0231,
109.8306, 149.2284

 40.2349, 32.4133,
48.9301

156.9159,
139.7253, 186.7390

 27.9068, 21.6774,
34.1988


193.8176,
174.6049, 230.0610

 18.3955, 13.6200,
22.7678

236.0937,
214.8539, 279.6131

 11.3357, 7.8569,
14.2184

284.1094,
260.8567, 335.8138

 6.3621, 4.0035,
8.1323

338.2303,

 3.1092, 1.6755,

312.9975, 399.0815

4.0907

398.8215,
371.6609, 469.8349

■ 1.2118, 0.4077,
1.6752

■ 0.1156, 0.0000,
0.3437

■ 74.8032, 63.4584,
89.9675

■ 74.8032, 63.4584,
89.9675

■ 68.9449, 53.1574,
83.6511

■ 81.6570, 75.7015,
96.7670

■ 64.0270, 44.6892,
77.7955

■ 89.5492, 89.9728,
104.0627

■ 59.9953, 37.9458,
72.3819

95.0500, 100.0000,
108.9000

■ 56.7881, 32.8044,
67.3883

■ 54.3358, 29.1263,
62.7900

■ 52.5568, 26.7487,
58.5581

■ 51.3496, 25.4689,
54.6574

■ 50.9893, 25.1597,
53.2689

Harmonies

Analogous

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



69.0342, 63.4584, 111.4166



74.8032, 63.4584, 89.9675



76.5773, 63.4584, 66.3663

Triad

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



74.8032, 63.4584, 89.9675



59.3547, 63.4584, 34.4488



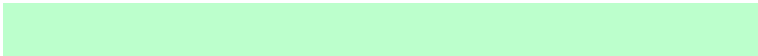
48.6625, 63.4584, 95.8015

Complementary

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



74.8032, 63.4584, 89.9675



67.4001, 86.5720, 70.2873

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.



46.5358, 63.4584, 71.8983



74.8032, 63.4584, 89.9675



52.3632, 63.4584, 39.1312

Square

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



74.8032, 63.4584, 89.9675



67.2201, 63.4584, 37.2683



47.8304, 63.4584, 51.7302



53.9003, 63.4584, 115.2633

Rectangle

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



74.8032, 63.4584, 89.9675



75.1394, 63.4584, 53.2171



47.8304, 63.4584, 51.7302



47.5816, 63.4584, 87.8543

Sweetspot

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



74.8046, 63.4610, 89.9688



88.1094, 87.3580, 102.7659



60.8371, 55.9751, 102.2056



18.5963, 18.2218, 21.7571



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.



74.8046, 63.4610, 89.9688



71.3301, 57.3286, 86.2926



70.3494, 61.6789, 66.5077



18.5963, 18.2218, 21.7571



26.7043, 13.1710, 28.1570



2.6426, 1.2994, 2.9651

Inverse Universe

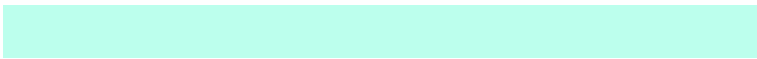
The Inverse Universe completely reimagines the original color for something new.



74.8046, 63.4610, 89.9688



71.3301, 57.3286, 86.2926



71.8062, 88.3344, 93.4898



18.5963, 18.2218, 21.7571



26.7043, 13.1710, 28.1570



2.6426, 1.2994, 2.9651

Previews

White Background



This preview shows how the XYZ color 74.8032, 63.4584, 89.9675 looks on a white background.

Color Contrast Check

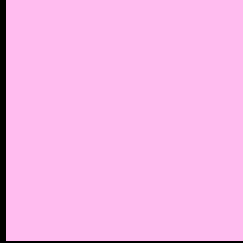
Large Text (above 18pt) WCAG AA × Fail

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 74.8032, 63.4584, 89.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

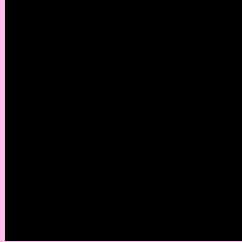
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8032, 63.4584, 89.9675

Background



This preview shows how black text looks on a background with the XYZ color 74.8032, 63.4584, 89.9675.



This preview shows how white text looks on a background with the XYZ color 74.8032, 63.4584,

89.9675.

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

74.8032, 63.4584, 89.9675

Protanopia

63.4367, 63.7960, 101.0659

Deuteranopia

65.0521, 63.8408, 88.2508



Tritanopia

70.2388, 63.2032, 68.1720

Trichromacy



Original Color

74.8032, 63.4584, 89.9675



Protanomaly

66.6562, 63.0840, 96.6590



Deuteranomaly

68.1133, 63.3256, 88.7539



Tritanomaly

71.5619, 63.0715, 75.4201

Monochromacy



Original Color

74.8032, 63.4584, 89.9675



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.4637, 65.6484, 78.9277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8032, 63.4584, 89.9675 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, 188, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 239)  
}
```

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, 188, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.8032, 63.4584, 89.9675 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, 188, 239) }
```


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

```
.border{ border-color:rgb(255, 188, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 188, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8032, 63.4584, 89.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 239) }
```

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

```
.background{ background-color: rgb(255,  
188, 239) }
```

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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