

Converting Colors

XYZ(109.2251, 80.9195,
91.7999)

Have a look what the booklet for
XYZ(109.2251, 80.9195, 91.7999)
contains.

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Color

**XYZ(74.5903, 63.0326,
89.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBEF
RGB	255, 187, 239
RGB Percent	100%, 73%, 94%
CMY	0.0000, 0.2666, 0.0627
CMYK	0.00, 0.27, 0.06, 0.00
HSL	314°, 100%, 87%
HSV	314°, 27%, 100%
XYZ	74.5903, 63.0326, 89.8965
YIQ	213.2600, 23.8360, 30.5880

Conversions

Conversions Part 2

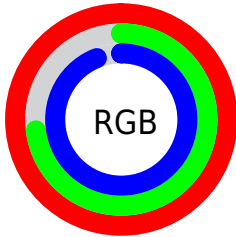
Format	Color
R _Y B	255, 187, 239
Decimal	16759791
CIE Lab	83.46, 32.49, -16.14
CIE LCh	83, 36.280, 333.579
Yxy	63.0326, 0.3278, 0.2770
Android (android.graphics.Color)	4294949871 (0xFFFFBBEF)
YUV	213.2600, 12.6898, 36.6060
Hunter-Lab	79.3931, 28.7640, -11.5587

Details

The XYZ color **74.5903, 63.0326, 89.8965** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.0350, 86.3975, 69.6461**, and the grayscale version is **63.3277, 66.6256, 72.5553**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **39.9607, 32.0643, 48.8826** is the 20% darker color. If you saturate the color by 10%, you get **68.7816, 52.8101, 83.6597**, and if you desaturate by 10%, it is **81.3917, 75.1929, 96.6110**.

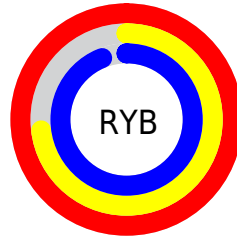
Distribution



Red (100%)

Green (73%)

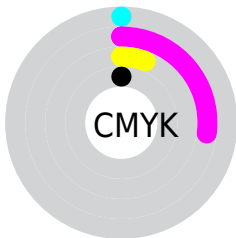
Blue (94%)



Red (100%)

Yellow (73%)

Blue (94%)

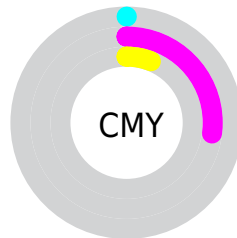


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5903, 63.0326, 89.8965 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 74.5903, 63.0326, 89.8965 by changing the saturation by 10% instead.


 74.5903, 63.0326,
89.8965

 74.5903, 63.0326,
89.8965

465.5271,
435.6878, 548.2555

 55.5703, 45.8676,
67.3216


 124.7233,
109.2165, 149.1289

 40.0942, 32.1413,
48.8828

156.5669,
139.0043, 186.6234

 27.7965, 21.4695,
34.1615


193.4159,
173.7683, 229.9282

 18.3120, 13.4676,
22.7394

235.6354,
213.8931, 279.4619

 11.2753, 7.7513,
14.1977

283.5910,
259.7631, 335.6429

 6.3209, 3.9362,
8.1180

337.6479,

 3.0837, 1.6380,

311.7626, 398.8898

4.0817

398.1715,
370.2760, 469.6212

■ 1.1982, 0.3830,
1.6703

■ 0.1049, 0.0000,
0.3402

■ 74.5903, 63.0326,
89.8965

■ 74.5903, 63.0326,
89.8965

■ 68.7816, 52.8101,
83.6597

■ 81.3917, 75.1929,
96.6110

■ 63.9102, 44.4160,
77.8784

■ 89.2290, 89.3775,
103.8166

■ 59.9219, 37.7418,
72.5339

95.0500, 100.0000,
108.9000

■ 56.7548, 32.6642,
67.6040

■ 54.3388, 29.0437,
63.0640

■ 52.5918, 26.7162,
58.8851

■ 51.4104, 25.4759,
55.0313

■ 51.0902, 25.2001,
53.8006

Harmonies

Analogous

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



68.7229, 63.0326, 111.6955



74.5903, 63.0326, 89.8965



76.4092, 63.0326, 65.9483

Triad

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



74.5903, 63.0326, 89.8965



58.9661, 63.0326, 33.6902



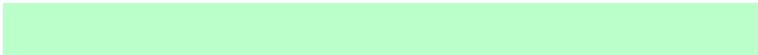
48.1112, 63.0326, 95.6535

Complementary

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



74.5903, 63.0326, 89.8965



67.0350, 86.3975, 69.6461

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.



45.9763, 63.0326, 71.3871



74.5903, 63.0326, 89.8965



51.8858, 63.0326, 38.3615

Square

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



74.5903, 63.0326, 89.8965



66.9366, 63.0326, 36.5458



47.2955, 63.0326, 51.0164



53.3943, 63.0326, 115.5002

Rectangle

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



74.5903, 63.0326, 89.8965



74.9599, 63.0326, 52.6401



47.2955, 63.0326, 51.0164



47.0237, 63.0326, 87.5727

Sweetspot

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



74.5917, 63.0352, 89.8978



88.1206, 87.3625, 102.8251



60.4150, 55.4415, 102.1248



18.5991, 18.2230, 21.7721



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.



74.5917, 63.0352, 89.8978



71.3716, 57.3453, 86.5114



70.0476, 61.2175, 65.9690



18.5991, 18.2230, 21.7721



26.7565, 13.1919, 28.4320



2.6472, 1.3013, 2.9898

Inverse Universe

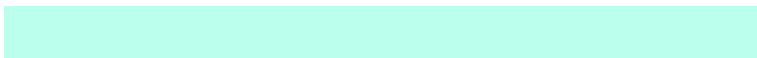
The Inverse Universe completely reimagines the original color for something new.



74.5917, 63.0352, 89.8978



71.3716, 57.3453, 86.5114



71.5217, 88.1922, 93.2731



18.5991, 18.2230, 21.7721



26.7565, 13.1919, 28.4320



2.6472, 1.3013, 2.9898

Previews

White Background



This preview shows how the XYZ color 74.5903, 63.0326, 89.8965 looks on a white background.

Color Contrast Check

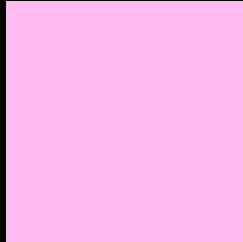
Large Text (above 18pt) WCAG AA × Fail

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 74.5903, 63.0326, 89.8965 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 74.5903, 63.0326, 89.8965

Background



This preview shows how black text looks on a background with the XYZ color 74.5903, 63.0326, 89.8965.



This preview shows how white text looks on a background with the XYZ color 74.5903, 63.0326,

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

74.5903, 63.0326, 89.8965

Protanopia

62.9307, 63.1767, 100.9730

Deuteranopia

64.8152, 63.3669, 88.1718



Tritanopia

70.2388, 63.2032, 68.1720

Trichromacy



Original Color

74.5903, 63.0326, 89.8965



Protanomaly

66.4253, 62.6223, 96.5820



Deuteranomaly

67.8854, 62.8699, 88.6779



Tritanomaly

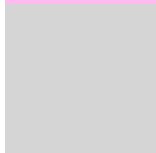
71.5619, 63.0715, 75.4201

Monochromacy



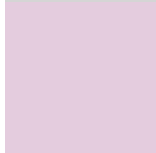
Original Color

74.5903, 63.0326, 89.8965



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.7726, 64.9536, 78.1253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5903, 63.0326, 89.8965 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, 187, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 239) }
```

Border

The CSS property to change the border of an element to XYZ 74.5903, 63.0326, 89.8965 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, 187, 239) }
```


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

```
.border{ border-color:rgb(255, 187, 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, 187, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5903, 63.0326, 89.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 239) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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