

Converting Colors

XYZ(75.9277, 65.9903,
109.1649)

Have a look what the booklet for
XYZ(75.9277, 65.9903, 109.1649)
contains.

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Color

**XYZ(74.8733, 65.4833,
103.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C3FF
RGB	244, 195, 255
RGB Percent	96%, 76%, 100%
CMY	0.0431, 0.2353, 0.0000
CMYK	0.04, 0.24, 0.00, 0.00
HSL	289°, 100%, 88%
HSV	289°, 24%, 100%
XYZ	74.8733, 65.4833, 103.3010
YIQ	216.4910, 9.9440, 29.0480

Conversions

Conversions Part 2

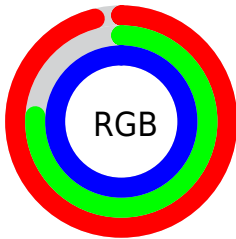
Format	Color
R_{YB}	244, 195, 255
Decimal	16040959
CIE Lab	84.73, 27.59, -22.85
CIE LCh	85, 35.819, 320.371
Yxy	65.4833, 0.3073, 0.2688
Android (android.graphics.Color)	4294231039 (0xFFFF4C3FF)
YUV	216.4910, 18.9849, 24.1254
Hunter-Lab	80.9218, 23.5450, -19.0417

Details

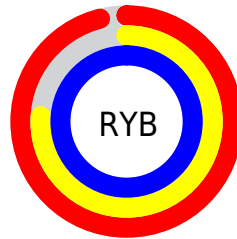
The XYZ color **74.8733, 65.4833, 103.3010** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0655, 88.5827, 64.9856**, and the grayscale version is **65.4765, 68.8863, 75.0172**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **40.2114, 33.6918, 57.8099** is the 20% darker color. If you saturate the color by 10%, you get **68.0393, 54.1921, 101.4818**, and if you desaturate by 10%, it is **82.7277, 78.7524, 105.4483**.

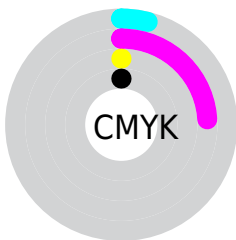
Distribution



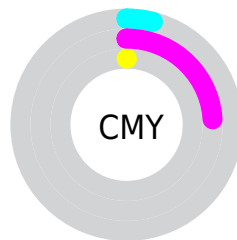
- Red (96%)
- Green (76%)
- Blue (100%)



- Red (96%)
- Yellow (76%)
- Blue (100%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8733, 65.4833, 103.3010 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 74.8733, 65.4833, 103.3010 by changing the saturation by 10% instead.


 74.8733, 65.4833,
103.3010

 74.8733, 65.4833,
103.3010


466.4859,
444.5267, 592.0618

 55.8029, 47.8531,
78.4280


 125.1219,
112.7444, 167.7775

 40.2813, 33.7106,
57.9071

157.0307,
143.1441, 208.2180

 27.9431, 22.6713,
41.3198


193.9498,
178.5690, 254.6848

 18.4230, 14.3510,
28.2474

236.2445,
219.4037, 307.5964

 11.3556, 8.3652,
18.2716

284.2801,
266.0323, 367.3714

 6.3756, 4.3295,
10.9737

338.4219,

 3.1176, 1.8595,

318.8395, 434.4283

5.9352

399.0354,
378.2095, 509.1855

■ 1.2163, 0.5239,
2.7376

■ 0.1192, 0.0000,
0.9623

■ 74.8733, 65.4833,
103.3010

■ 74.8733, 65.4833,
103.3010

■ 68.0393, 54.1921,
101.4818

■ 82.7277, 78.7524,
105.4483

■ 62.1704, 44.7712,
99.9727

■ 91.6434, 94.0834,
107.9375

■ 57.2141, 37.1155,
98.7562

95.0500, 100.0000,
108.9000

■ 53.1107, 31.1060,
97.8125

■ 49.7931, 26.6086,
97.1193

■ 47.1834, 23.4682,
96.6507

■ 45.1869, 21.4959,
96.3752

■ 44.1337, 20.6666,
96.2707

Harmonies

Analogous

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



67.7572, 65.4833, 121.1672



74.8733, 65.4833, 103.3010



78.6951, 65.4833, 78.9370

Triad

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



74.8733, 65.4833, 103.3010



64.8523, 65.4833, 36.0512



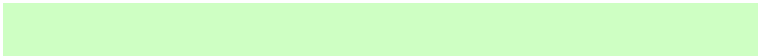
48.8876, 65.4833, 87.7849

Complementary

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



74.8733, 65.4833, 103.3010



71.0655, 88.5827, 64.9856

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.



48.2550, 65.4833, 64.1725



74.8733, 65.4833, 103.3010



57.0306, 65.4833, 37.4248

Square

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



74.8733, 65.4833, 103.3010



72.5906, 65.4833, 42.4348



51.1141, 65.4833, 46.7019



52.9231, 65.4833, 110.9595

Rectangle

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



74.8733, 65.4833, 103.3010



78.6547, 65.4833, 63.6501



51.1141, 65.4833, 46.7019



48.2842, 65.4833, 79.5400

Sweetspot

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



74.8752, 65.4860, 103.3015



88.4240, 88.5199, 107.0333



62.6294, 62.9676, 103.4608



18.8095, 18.7455, 22.8768



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.



74.8752, 65.4860, 103.3015



71.6949, 60.1965, 102.4481



75.8969, 66.3489, 88.1646



18.4469, 18.1221, 22.7756



23.1786, 10.8595, 50.3090



2.3377, 1.0991, 4.9022

Inverse Universe

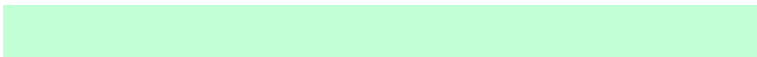
The Inverse Universe completely reimagines the original color for something new.



71.8973, 64.7490, 67.1032



68.3400, 59.3920, 60.4986



70.4051, 87.9780, 76.8915



18.1453, 18.0415, 19.3825



21.8531, 11.2305, 2.6107



2.1626, 1.1074, 0.4376

Previews

White Background



This preview shows how the XYZ color 74.8733, 65.4833, 103.3010 looks on a white background.

Color Contrast Check

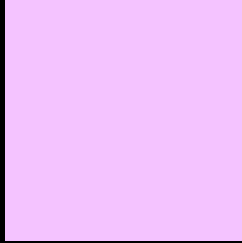
Large Text (above 18pt) WCAG AA × Fail

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 74.8733, 65.4833, 103.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

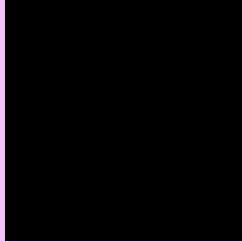
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8733, 65.4833, 103.3010

Background



This preview shows how black text looks on a background with the XYZ color 74.8733, 65.4833, 103.3010.

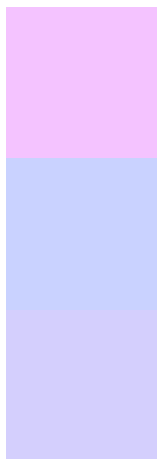


This preview shows how white text looks on a background with the XYZ color 74.8733, 65.4833,

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

74.8733, 65.4833, 103.3010

Protanopia

65.1840, 65.7307, 103.8595

Deuteranopia

67.1938, 65.7145, 102.0712



Tritanopia

69.3720, 65.6537, 75.3458

Trichromacy



Original Color

74.8733, 65.4833, 103.3010



Protanomaly

68.4966, 65.6344, 103.6663



Deuteranomaly

69.9858, 65.7149, 102.7615



Tritanomaly

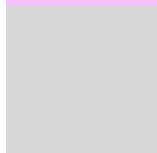
71.1229, 65.3171, 84.4602

Monochromacy



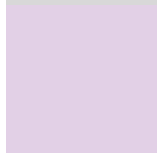
Original Color

74.8733, 65.4833, 103.3010



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.2028, 66.9937, 84.1993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8733, 65.4833, 103.3010 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(244, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 195, 255)  
}
```

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(244, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.8733, 65.4833, 103.3010 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(244, 195, 255) }
```


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

```
.border{ border-color:rgb(244, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8733, 65.4833, 103.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 195, 255) }
```

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

```
.background{ background-color: rgb(244,  
195, 255) }
```

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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