

Converting Colors

XYZ(82.4680, 68.5084,
139.9078)

Have a look what the booklet for
XYZ(82.4680, 68.5084, 139.9078)
contains.

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Color

**XYZ(75.5711, 65.8430,
103.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C3FF
RGB	246, 195, 255
RGB Percent	96%, 76%, 100%
CMY	0.0353, 0.2353, 0.0000
CMYK	0.04, 0.24, 0.00, 0.00
HSL	291°, 100%, 88%
HSV	291°, 24%, 100%
XYZ	75.5711, 65.8430, 103.3337
YIQ	217.0890, 11.1360, 29.4720

Conversions

Conversions Part 2

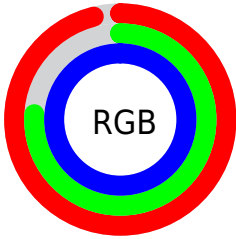
Format	Color
R _Y B	246, 195, 255
Decimal	16172031
CIE Lab	84.92, 28.22, -22.55
CIE LCh	85, 36.126, 321.377
Yxy	65.8430, 0.3088, 0.2690
Android (android.graphics.Color)	4294362111 (0xFFFF6C3FF)
YUV	217.0890, 18.6901, 25.3549
Hunter-Lab	81.1437, 24.2399, -18.7032

Details

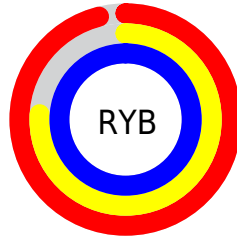
The XYZ color **75.5711, 65.8430, 103.3337** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5138, 88.2983, 64.9597**, and the grayscale version is **65.8865, 69.3178, 75.4871**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **40.7042, 33.9458, 57.8329** is the 20% darker color. If you saturate the color by 10%, you get **69.0110, 54.6929, 101.5273**, and if you desaturate by 10%, it is **83.1382, 78.9640, 105.4675**.

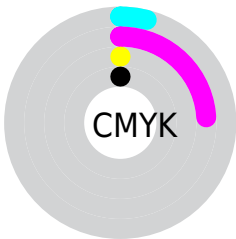
Distribution



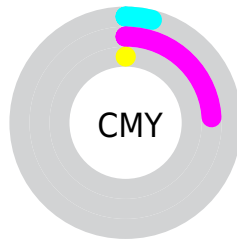
- Red (96%)
- Green (76%)
- Blue (100%)



- 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 75.5711, 65.8430, 103.3337 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 75.5711, 65.8430, 103.3337 by changing the saturation by 10% instead.


 75.5711, 65.8430,
103.3337

 75.5711, 65.8430,
103.3337


468.8452,
445.8152, 592.1665

 56.3767, 48.1450,
78.4552

 126.1040,
113.2610, 167.8227

 40.7432, 33.9417,
57.9293


158.1733,
143.7497, 208.2702

 28.3053, 22.8488,
41.3375


195.2649,
179.2708, 254.7445

 18.6975, 14.4819,
28.2612

237.7442,
220.2086, 307.6641

 11.5546, 8.4566,
18.2819

285.9765,
266.9475, 367.4476

 6.5112, 4.3885,
10.9810

340.3272,

 3.2019, 1.8932,

319.8720, 434.5134

5.9401

401.1616,
379.3664, 509.2802

■ 1.2614, 0.5443,
2.7405

■ 0.1541, 0.0000,
0.9637

■ 75.5711, 65.8430,
103.3337

■ 75.5711, 65.8430,
103.3337

■ 69.0110, 54.6929,
101.5273

■ 83.1382, 78.9640,
105.4675

■ 63.4025, 45.4064,
100.0304

■ 91.7528, 94.1398,
107.9427

■ 58.6934, 37.8781,
98.8255

95.0500, 100.0000,
108.9000

■ 54.8241, 31.9892,
97.8927

■ 51.7276, 27.6058,
97.2099

■ 49.3263, 24.5729,
96.7510

■ 47.5254, 22.7014,
96.4847

■ 46.5922, 21.9340,
96.3858

Harmonies

Analogous

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



68.4390, 65.8430, 121.8327



75.5711, 65.8430, 103.3337



79.2983, 65.8430, 78.5977

Triad

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



75.5711, 65.8430, 103.3337



64.9488, 65.8430, 35.9844



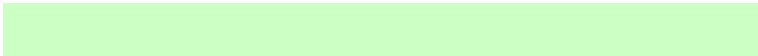
49.1562, 65.8430, 89.2317

Complementary

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



75.5711, 65.8430, 103.3337



70.5138, 88.2983, 64.9597

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.



48.3969, 65.8430, 65.2028



75.5711, 65.8430, 103.3337



57.0687, 65.8430, 37.6304

Square

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



75.5711, 65.8430, 103.3337



72.8277, 65.8430, 42.1573



51.1733, 65.8430, 47.2747



53.3450, 65.8430, 112.5448

Rectangle

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



75.5711, 65.8430, 103.3337



79.1460, 65.8430, 63.2388



51.1733, 65.8430, 47.2747



48.5067, 65.8430, 80.8664

Sweetspot

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



75.5730, 65.8458, 103.3341



88.6395, 88.6310, 107.0434



62.1510, 62.0107, 103.3013



18.8595, 18.7713, 22.8792



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.



75.5730, 65.8458, 103.3341



72.5168, 60.6202, 102.4866



75.6079, 66.2332, 86.6426



18.5092, 18.1542, 22.7785



24.4469, 11.5133, 50.3684



2.4498, 1.1568, 4.9074

Inverse Universe

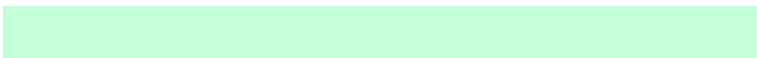
The Inverse Universe completely reimagines the original color for something new.



71.6558, 64.6524, 65.8315



68.0699, 59.2840, 59.0763



70.6622, 88.0809, 78.2451



18.1204, 18.0315, 19.2511



21.7667, 11.1960, 2.1559



2.1505, 1.1026, 0.3740

Previews

White Background



This preview shows how the XYZ color 75.5711, 65.8430, 103.3337 looks on a white background.

Color Contrast Check

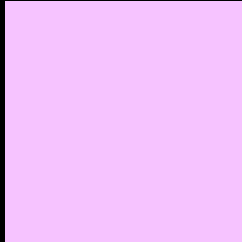
Large Text (above 18pt) WCAG AA × Fail

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 75.5711, 65.8430, 103.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

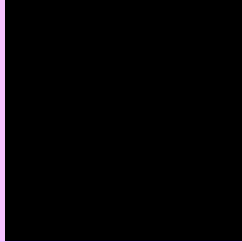
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.5711, 65.8430, 103.3337

Background



This preview shows how black text looks on a background with the XYZ color 75.5711, 65.8430, 103.3337.

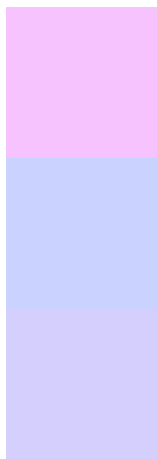


This preview shows how white text looks on a background with the XYZ color 75.5711, 65.8430,

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

75.5711, 65.8430, 103.3337

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.4830, 65.8636, 102.0847



Tritanopia

70.0510, 66.0038, 75.3776

Trichromacy



Original Color

75.5711, 65.8430, 103.3337



Protanomaly

68.7948, 65.7881, 103.6802



Deuteranomaly

70.2967, 65.8752, 102.7761



Tritanomaly

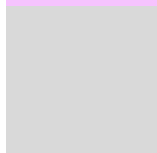
71.8094, 65.6711, 84.4923

Monochromacy



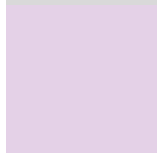
Original Color

75.5711, 65.8430, 103.3337



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.2192, 67.8644, 85.0522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5711, 65.8430, 103.3337 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(246, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 195, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.5711, 65.8430, 103.3337 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(246, 195, 255) }
```


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

```
.border{ border-color:rgb(246, 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(246, 195, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 195,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5711, 65.8430, 103.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 195, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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