

Converting Colors

XYZ(97.3199, 83.5187,
102.1246)

Have a look what the booklet for
XYZ(97.3199, 83.5187, 102.1246)
contains.

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Color

**XYZ(82.4468, 75.8135,
101.5548)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5FB
RGB	255, 213, 251
RGB Percent	100%, 84%, 98%
CMY	0.0000, 0.1647, 0.0157
CMYK	0.00, 0.16, 0.02, 0.00
HSL	306°, 100%, 92%
HSV	306°, 16%, 100%
XYZ	82.4468, 75.8135, 101.5548
YIQ	229.8900, 12.8340, 20.7220

Conversions

Conversions Part 2

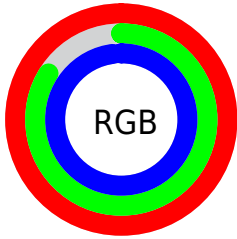
Format	Color
R _Y B	255, 213, 251
Decimal	16766459
CIE _{Lab}	89.77, 20.93, -13.04
CIE _{LCh}	90, 24.664, 328.076
Yxy	75.8135, 0.3173, 0.2918
Android (android.graphics.Color)	4294956539 (0xFFFFD5FB)
YUV	229.8900, 10.4072, 22.0215
Hunter-Lab	87.0709, 16.6461, -8.2030

Details

The XYZ color **82.4468, 75.8135, 101.5548** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.7272, 90.6770, 79.1598**, and the grayscale version is **75.0528, 78.9614, 85.9890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2532, 40.3545, 56.4430** is the 20% darker color. If you saturate the color by 10%, you get **76.1502, 63.8286, 97.5805**, and if you desaturate by 10%, it is **89.7601, 89.8232, 105.8943**.

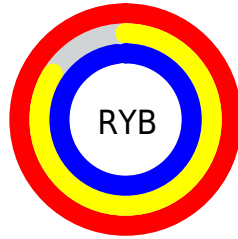
Distribution



Red (100%)

Green (84%)

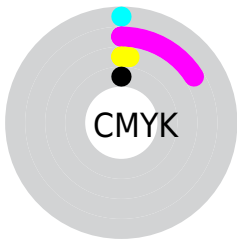
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

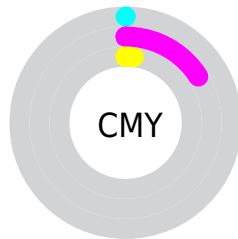


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.4468, 75.8135, 101.5548 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 82.4468, 75.8135, 101.5548 by changing the saturation by 10% instead.

82.4468, 75.8135,
101.5548

82.4468, 75.8135,
101.5548

491.7529,
480.7090, 586.4553

62.0493, 56.2796,
76.9755

135.7329,
127.4632, 165.3627

45.3282, 40.4271,
56.7214

169.3523,
160.3479, 205.4284

31.9184, 27.8717,
40.3737

208.1095,
198.4515, 251.4933

21.4544, 18.2290,
27.5140

252.3701,
242.1586, 303.9760

13.5709, 11.1145,
17.7238

302.4994,
291.8535, 363.2950

7.9026, 6.1439,
10.5845

358.8627,

4.0839, 2.9328,

347.9206, 429.8689

5.6775

421.8254,
410.7443, 504.1161

■ 1.7497, 1.0967,
2.5844

■ 0.4871, 0.0000,
0.8844

■ 82.4468, 75.8135,
101.5548

■ 82.4468, 75.8135,
101.5548

■ 76.1502, 63.8286,
97.5805

■ 89.7601, 89.8232,
105.8943

■ 70.8182, 53.7654,
93.9508

95.0500, 100.0000,
108.9000

■ 66.4017, 45.5256,
90.6503

■ 62.8454, 38.9983,
87.6606

■ 60.0879, 34.0607,
84.9609

■ 58.0594, 30.5736,
82.5280

■ 56.6785, 28.3740,
80.3347

■ 55.8431, 27.2576,
78.3468

■ 55.6241, 27.0136,
77.6757

Harmonies

Analogous

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



77.7037, 75.8135, 115.7649



82.4468, 75.8135, 101.5548



84.3895, 75.8135, 83.6774

Triad

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



82.4468, 75.8135, 101.5548



72.4517, 75.8135, 53.3956



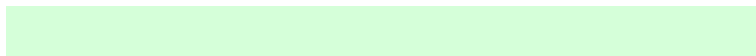
62.2249, 75.8135, 99.3355

Complementary

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



82.4468, 75.8135, 101.5548



75.7272, 90.6770, 79.1598

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.



60.9912, 75.8135, 81.4289



82.4468, 75.8135, 101.5548



66.6935, 75.8135, 56.3834

Square

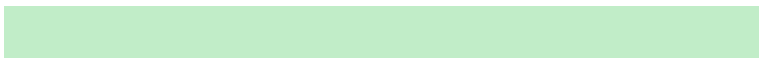
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



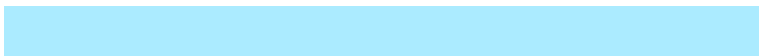
82.4468, 75.8135, 101.5548



78.4209, 75.8135, 57.2599



62.5816, 75.8135, 66.0743



66.0498, 75.8135, 114.3621

Rectangle

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



82.4468, 75.8135, 101.5548



83.7572, 75.8135, 72.5860



62.5816, 75.8135, 66.0743



61.5032, 75.8135, 93.3822

Sweetspot

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



82.4485, 75.8165, 101.5564



90.9217, 92.0552, 106.5627



70.3141, 69.4874, 104.3142



19.3414, 19.4738, 22.7401



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.



82.4485, 75.8165, 101.5564



80.1107, 71.3569, 100.1117



79.3894, 74.5929, 85.4477



18.7137, 18.2688, 22.3755



29.0954, 14.1275, 40.7484



2.8537, 1.3839, 4.0771

Inverse Universe

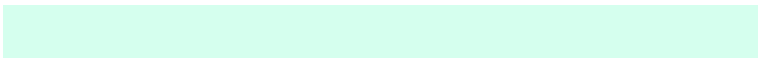
The Inverse Universe completely reimagines the original color for something new.



82.4485, 75.8165, 101.5564



80.1107, 71.3569, 100.1117



78.5618, 91.8108, 94.0868



18.7137, 18.2688, 22.3755



29.0954, 14.1275, 40.7484



2.8537, 1.3839, 4.0771

Previews

White Background



This preview shows how the XYZ color 82.4468, 75.8135, 101.5548 looks on a white background.

Color Contrast Check

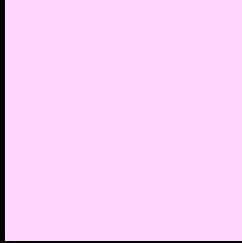
Large Text (above 18pt) WCAG AA × Fail

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 82.4468, 75.8135, 101.5548 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 82.4468, 75.8135, 101.5548

Background



This preview shows how black text looks on a background with the XYZ color 82.4468, 75.8135, 101.5548.



This preview shows how white text looks on a background with the XYZ color 82.4468, 75.8135,

101.5548.

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

82.4468, 75.8135, 101.5548

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

77.7736, 76.0931, 101.0308



Tritanopia

79.4087, 75.6904, 87.5152

Trichromacy



Original Color

82.4468, 75.8135, 101.5548

Protanomaly

77.0869, 75.6658, 104.3080

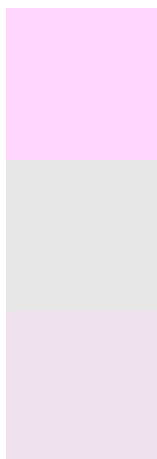
Deuteranomaly

79.3764, 75.7609, 100.8822

Tritanomaly

80.5366, 75.7748, 92.8193

Monochromacy



Original Color

82.4468, 75.8135, 101.5548

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.6849, 77.8351, 91.8182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.4468, 75.8135, 101.5548 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, 213, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 251)  
}
```

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, 213, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 251) }
```

Border

The CSS property to change the border of an element to XYZ 82.4468, 75.8135, 101.5548 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, 213, 251) }
```


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

```
.border{ border-color:rgb(255, 213, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 82.4468, 75.8135, 101.5548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 251) }
```

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

```
.background{ background-color: rgb(255,  
213, 251) }
```

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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