

Converting Colors

XYZ(82.8134, 76.4449,
101.9908)

Have a look what the booklet for
XYZ(82.8134, 76.4449, 101.9908)
contains.

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Color

**XYZ(82.6992, 76.3182,
101.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6FB
RGB	255, 214, 251
RGB Percent	100%, 84%, 98%
CMY	0.0000, 0.1608, 0.0157
CMYK	0.00, 0.16, 0.02, 0.00
HSL	306°, 100%, 92%
HSV	306°, 16%, 100%
XYZ	82.6992, 76.3182, 101.6390
YIQ	230.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

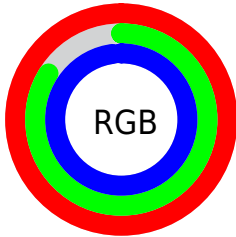
Format	Color
R_{YB}	255, 214, 251
Decimal	16766715
CIE _{Lab}	90.01, 20.41, -12.69
CIE _{LCh}	90, 24.034, 328.124
Yxy	76.3182, 0.3173, 0.2928
Android (android.graphics.Color)	4294956795 (0xFFFFD6FB)
YUV	230.4770, 10.1178, 21.5067
Hunter-Lab	87.3603, 16.0957, -7.8285

Details

The XYZ color **82.6992, 76.3182, 101.6390** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1487, 90.8792, 79.8607**, and the grayscale version is **75.4895, 79.4209, 86.4893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4244, 40.6971, 56.5001** is the 20% darker color. If you saturate the color by 10%, you get **76.3546, 64.2522, 97.6033**, and if you desaturate by 10%, it is **90.0624, 90.4126, 106.0418**.

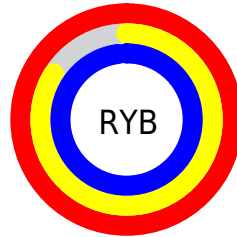
Distribution



Red (100%)

Green (84%)

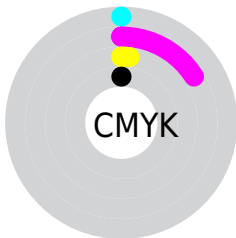
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

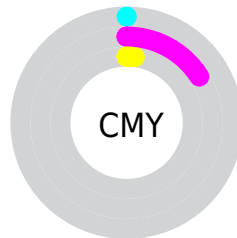


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6992, 76.3182, 101.6390 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 82.6992, 76.3182, 101.6390 by changing the saturation by 10% instead.

82.6992, 76.3182,
101.6390

82.6992, 76.3182,
101.6390

492.5826,
482.4363, 586.7263

62.2581, 56.6935,
77.0455

136.0848,
128.1766, 165.4792

45.4977, 40.7592,
56.7785

169.7600,
161.1791, 205.5630

32.0526, 28.1310,
40.4192

208.5773,
199.4095, 251.6474

21.5574, 18.4244,
27.5493

252.9021,
243.2525, 304.1509

13.6468, 11.2551,
17.7501

303.0996,
293.0922, 363.4919

7.9555, 6.2387,
10.6031

359.5353,

4.1180, 2.9908,

349.3131, 430.0892

5.6899

422.5745,
412.2997, 504.3611

■ 1.7691, 1.1269,
2.5917

■ 0.4990, 0.0008,
0.8882

■ 82.6992, 76.3182,
101.6390

■ 82.6992, 76.3182,
101.6390

■ 76.3546, 64.2522,
97.6033

■ 90.0624, 90.4126,
106.0418

■ 70.9769, 54.1119,
93.9141

95.0500, 100.0000,
108.9000

■ 66.5170, 45.7992,
90.5562

■ 62.9198, 39.2036,
87.5109

■ 60.1241, 34.2030,
84.7578

■ 58.0607, 30.6588,
82.2737

■ 56.6485, 28.4090,
80.0315

■ 55.7870, 27.2526,
77.9977

■ 55.5408, 26.9803,
77.2370

Harmonies

Analogous

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



78.0688, 76.3182, 115.4915



82.6992, 76.3182, 101.6390



84.5906, 76.3182, 84.1751

Triad

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



82.6992, 76.3182, 101.6390



72.9134, 76.3182, 54.4506



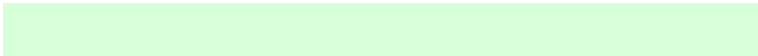
62.9042, 76.3182, 99.5283

Complementary

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



82.6992, 76.3182, 101.6390



76.1487, 90.8792, 79.8607

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.



61.6886, 76.3182, 82.0292



82.6992, 76.3182, 101.6390



67.2751, 76.3182, 57.4095

Square

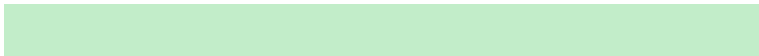
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6992, 76.3182, 101.6390



78.7523, 76.3182, 58.2521



63.2455, 76.3182, 66.9604



66.6598, 76.3182, 114.1604

Rectangle

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



82.6992, 76.3182, 101.6390



83.9697, 76.3182, 73.3111



63.2455, 76.3182, 66.9604



62.1943, 76.3182, 93.7183

Sweetspot

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



82.7009, 76.3212, 101.6406



90.9170, 92.0533, 106.5377



70.8389, 70.1326, 104.4111



19.3402, 19.4733, 22.7340



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.



82.7009, 76.3212, 101.6406



80.7423, 72.5872, 100.4232



79.7241, 75.1305, 85.9653



18.7118, 18.2680, 22.3654



29.0525, 14.1103, 40.5225



2.8500, 1.3824, 4.0574

Inverse Universe

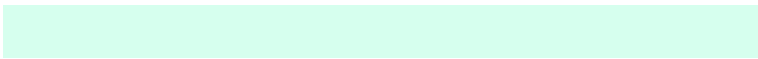
The Inverse Universe completely reimagines the original color for something new.



82.7009, 76.3212, 101.6406



80.7423, 72.5872, 100.4232



78.9140, 91.9853, 94.4223



18.7118, 18.2680, 22.3654



29.0525, 14.1103, 40.5225



2.8500, 1.3824, 4.0574

Previews

White Background



This preview shows how the XYZ color 82.6992, 76.3182, 101.6390 looks on a white background.

Color Contrast Check

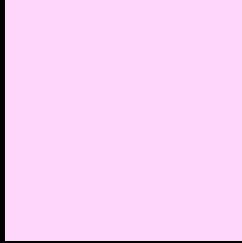
Large Text (above 18pt) WCAG AA × Fail

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 82.6992, 76.3182, 101.6390 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 82.6992, 76.3182, 101.6390

Background



This preview shows how black text looks on a background with the XYZ color 82.6992, 76.3182, 101.6390.



This preview shows how white text looks on a background with the XYZ color 82.6992, 76.3182,

101.6390.

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

82.6992, 76.3182, 101.6390

Protanopia

75.0994, 76.6000, 105.4349

Deuteranopia

78.1084, 76.2657, 101.0465



Tritanopia

80.1721, 76.4489, 88.3725

Trichromacy



Original Color

82.6992, 76.3182, 101.6390

Protanomaly

77.6775, 76.3611, 104.4110

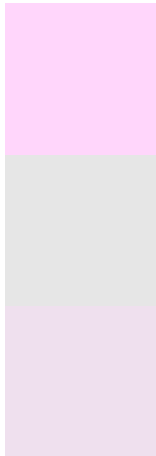
Deuteranomaly

79.6349, 76.2780, 100.9684

Tritanomaly

81.1571, 76.4738, 92.9216

Monochromacy



Original Color

82.6992, 76.3182, 101.6390

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 82.6992, 76.3182, 101.6390 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, 214, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 251) }
```

Border

The CSS property to change the border of an element to XYZ 82.6992, 76.3182, 101.6390 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, 214, 251) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6992, 76.3182, 101.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 251) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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