

Converting Colors

XYZ(82.1003, 75.0804, 96.5848)

Have a look what the booklet for
XYZ(82.1003, 75.0804, 96.5848)
contains.

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Color

**XYZ(81.0157, 74.4411,
96.4848)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3F5
RGB	255, 211, 245
RGB Percent	100%, 83%, 96%
CMY	0.0000, 0.1725, 0.0392
CMYK	0.00, 0.17, 0.04, 0.00
HSL	314°, 100%, 91%
HSV	314°, 17%, 100%
XYZ	81.0157, 74.4411, 96.4848
YIQ	228.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

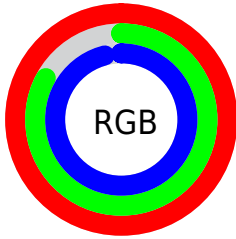
Format	Color
R_{YB}	255, 211, 245
Decimal	16765941
CIE _{Lab}	89.13, 20.93, -10.84
CIE _{LCh}	89, 23.568, 332.612
Yxy	74.4411, 0.3216, 0.2955
Android (android.graphics.Color)	4294956021 (0xFFFFD3F5)
YUV	228.0320, 8.3652, 23.6509
Hunter-Lab	86.2793, 16.6217, -5.9076

Details

The XYZ color **81.0157, 74.4411, 96.4848** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6774, 90.5904, 81.9068**, and the grayscale version is **73.7007, 77.5388, 84.4398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3625, 39.4568, 53.4219** is the 20% darker color. If you saturate the color by 10%, you get **74.3054, 62.4141, 89.9518**, and if you desaturate by 10%, it is **88.7619, 88.4948, 103.5019**.

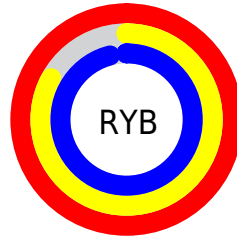
Distribution



Red (100%)

Green (83%)

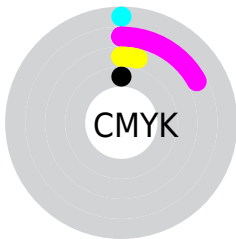
Blue (96%)



Red (100%)

Yellow (83%)

Blue (96%)

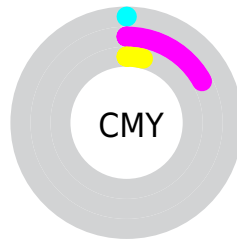


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0157, 74.4411, 96.4848 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 81.0157, 74.4411, 96.4848 by changing the saturation by 10% instead.


 81.0157, 74.4411,
96.4848

 81.0157, 74.4411,
96.4848


487.0338,
475.9944, 570.0129

 60.8659, 55.1551,
72.7677


133.7359,
125.5209, 158.3275

 44.3691, 39.5259,
53.2954


167.0369,
158.0835, 197.2902

 31.1599, 27.1691,
37.6493


205.4524,
195.8405, 242.1718

 20.8731, 17.7003,
25.4109

249.3476,
239.1762, 293.3909

 13.1432, 10.7350,
16.1616

299.0881,
288.4751, 351.3660

 7.6049, 5.8889,
9.4830

355.0390,

 3.8929, 2.7777,

344.1214, 416.5157

4.9565

417.5658,
406.4997, 489.2585

■ 1.6417, 1.0168,
2.1634

■ 0.4194, 0.0000,
0.6532

■ 81.0157, 74.4411,
96.4848

■ 81.0157, 74.4411,
96.4848

■ 74.3054, 62.4141,
89.9518

■ 88.7619, 88.4948,
103.5019

■ 68.5785, 52.3103,
83.8810

95.0500, 100.0000,
108.9000

■ 63.7854, 44.0304,
78.2558

■ 59.8699, 37.4628,
73.0561

■ 56.7699, 32.4833,
68.2600

■ 54.4147, 28.9513,
63.8425

■ 52.7214, 26.7009,
59.7747

■ 51.5828, 25.5188,
56.0196

■ 51.3233, 25.2933,
55.0278

Harmonies

Analogous

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



76.8720, 74.4411, 110.7085



81.0157, 74.4411, 96.4848



82.3649, 74.4411, 79.6214

Triad

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



81.0157, 74.4411, 96.4848



70.2521, 74.4411, 53.3950



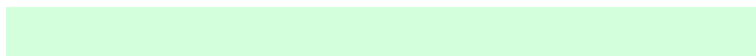
61.8565, 74.4411, 99.3151

Complementary

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



81.0157, 74.4411, 96.4848



75.6774, 90.5904, 81.9068

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.



60.2891, 74.4411, 82.5031



81.0157, 74.4411, 96.4848



64.9696, 74.4411, 57.2324

Square

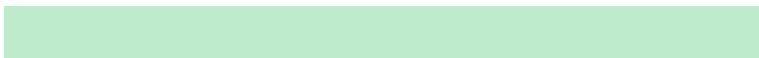
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



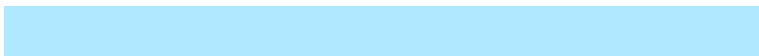
81.0157, 74.4411, 96.4848



75.9548, 74.4411, 56.0975



61.3977, 74.4411, 67.3624



65.7963, 74.4411, 112.4916

Rectangle

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



81.0157, 74.4411, 96.4848



81.4420, 74.4411, 69.4952



61.3977, 74.4411, 67.3624



61.0446, 74.4411, 93.8276

Sweetspot

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



81.0174, 74.4441, 96.4864



90.6535, 91.9479, 105.1502



71.0240, 69.1111, 104.2042



19.2760, 19.4476, 22.3958



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.



81.0174, 74.4441, 96.4864



78.3836, 69.7042, 93.9821



77.9186, 73.2046, 80.1685



18.6056, 18.2256, 21.8064



26.8770, 13.2401, 29.0665



2.6580, 1.3056, 3.0467

Inverse Universe

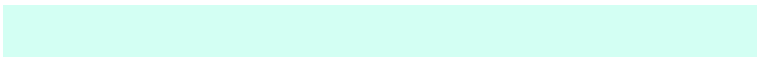
The Inverse Universe completely reimagines the original color for something new.



81.0174, 74.4441, 96.4864



78.3836, 69.7042, 93.9821



78.7331, 91.8127, 97.9983



18.6056, 18.2256, 21.8064



26.8770, 13.2401, 29.0665



2.6580, 1.3056, 3.0467

Previews

White Background



This preview shows how the XYZ color 81.0157, 74.4411, 96.4848 looks on a white background.

Color Contrast Check

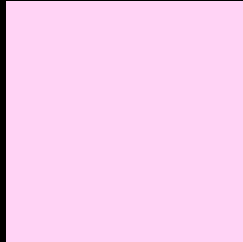
Large Text (above 18pt) WCAG AA × Fail

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 81.0157, 74.4411, 96.4848 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 81.0157, 74.4411, 96.4848

Background



This preview shows how black text looks on a background with the XYZ color 81.0157, 74.4411, 96.4848.



This preview shows how white text looks on a background with the XYZ color 81.0157, 74.4411,

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

81.0157, 74.4411, 96.4848

Protanopia

73.2072, 74.4865, 102.6144

Deuteranopia

76.3256, 74.6790, 95.9796



Tritanopia

78.8375, 74.6890, 85.1241

Trichromacy



Original Color

81.0157, 74.4411, 96.4848

Protanomaly

75.7746, 74.3060, 99.9713

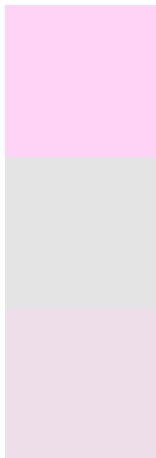
Deuteranomaly

77.9378, 74.3656, 95.8342

Tritanomaly

79.6627, 74.6575, 88.8089

Monochromacy



Original Color

81.0157, 74.4411, 96.4848

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.2325, 76.3602, 88.5630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0157, 74.4411, 96.4848 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, 211, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 245)  
}
```

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, 211, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 245) }
```

Border

The CSS property to change the border of an element to XYZ 81.0157, 74.4411, 96.4848 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, 211, 245) }
```


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

```
.border{ border-color:rgb(255, 211, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0157, 74.4411, 96.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 245) }
```

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

```
.background{ background-color: rgb(255,  
211, 245) }
```

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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