

Converting Colors

XYZ(101.9751, 85.3901,
92.7597)

Have a look what the booklet for
XYZ(101.9751, 85.3901, 92.7597)
contains.

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Color

**XYZ(80.1143, 74.0805,
91.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3EF
RGB	255, 211, 239
RGB Percent	100%, 83%, 94%
CMY	0.0000, 0.1725, 0.0627
CMYK	0.00, 0.17, 0.06, 0.00
HSL	322°, 100%, 91%
HSV	322°, 17%, 100%
XYZ	80.1143, 74.0805, 91.7378
YIQ	227.3480, 17.2360, 18.0360

Conversions

Conversions Part 2

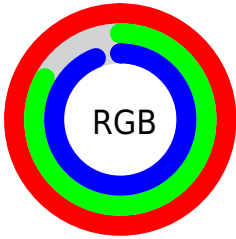
Format	Color
R_{YB}	255, 211, 239
Decimal	16765935
CIE _{Lab}	88.96, 19.89, -7.93
CIE _{LCh}	89, 21.417, 338.265
Yxy	74.0805, 0.3258, 0.3012
Android (android.graphics.Color)	4294956015 (0xFFFFD3EF)
YUV	227.3480, 5.7444, 24.2508
Hunter-Lab	86.0700, 15.5259, -2.9453

Details

The XYZ color **80.1143, 74.0805, 91.7378** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.4914, 90.9160, 86.1933**, and the grayscale version is **73.2191, 77.0322, 83.8880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7244, 39.2016, 50.0619** is the 20% darker color. If you saturate the color by 10%, you get **72.9397, 61.8678, 82.7602**, and if you desaturate by 10%, it is **88.3672, 88.3369, 101.4237**.

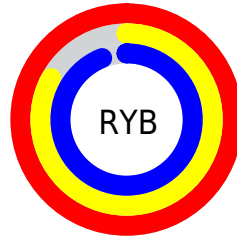
Distribution



Red (100%)

Green (83%)

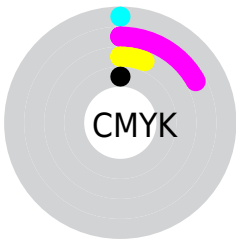
Blue (94%)



Red (100%)

Yellow (83%)

Blue (94%)

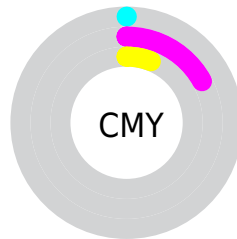


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.1143, 74.0805, 91.7378 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 80.1143, 74.0805, 91.7378 by changing the saturation by 10% instead.


 80.1143, 74.0805,
91.7378

 80.1143, 74.0805,
91.7378


484.0486,
474.7512, 554.3831

 60.1212, 54.8599,
68.8411


132.4761,
125.0099, 151.7065

 43.7662, 39.2896,
50.1113


165.5755,
157.4875, 189.6155

 30.6838, 26.9851,
35.1301


203.7744,
195.1530, 233.3657

 20.5089, 17.5620,
23.4787

247.4382,
238.3906, 283.3756

 12.8759, 10.6360,
14.7388

296.9321,
287.5849, 340.0637

 7.4195, 5.8226,
8.4917

352.6216,

 3.7745, 2.7375,

343.1201, 403.8487

4.3189

414.8720,
405.3807, 475.1489

■ 1.5754, 0.9963,
1.8019

■ 0.3763, 0.0000,
0.4292

■ 80.1143, 74.0805,
91.7378

■ 80.1143, 74.0805,
91.7378

■ 72.9397, 61.8678,
82.7602

■ 88.3672, 88.3369,
101.4237

■ 66.7904, 51.5951,
74.4651

95.0500, 100.0000,
108.9000

■ 61.6159, 43.1626,
66.8313

■ 57.3591, 36.4584,
59.8344

■ 53.9571, 31.3582,
53.4480

■ 51.3384, 27.7207,
47.6425

■ 49.4189, 25.3799,
42.3841

■ 48.0908, 24.1220,
37.6308

■ 47.7855, 23.8782,
36.3979

Harmonies

Analogous

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



76.7872, 74.0805, 105.3004



80.1143, 74.0805, 91.7378



80.7778, 74.0805, 76.6141

Triad

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



80.1143, 74.0805, 91.7378



68.9837, 74.0805, 55.5102



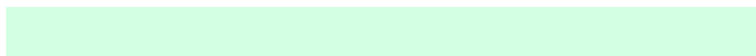
62.8483, 74.0805, 99.7279

Complementary

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



80.1143, 74.0805, 91.7378



76.4914, 90.9160, 86.1933

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.



60.9720, 74.0805, 84.8481



80.1143, 74.0805, 91.7378



64.3984, 74.0805, 60.2005

Square

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



80.1143, 74.0805, 91.7378



74.1796, 74.0805, 56.8765



61.5252, 74.0805, 70.5139



66.7728, 74.0805, 110.2944

Rectangle

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



80.1143, 74.0805, 91.7378



79.5909, 74.0805, 67.8456



61.5252, 74.0805, 70.5139



61.9661, 74.0805, 94.9966

Sweetspot

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



80.1159, 74.0835, 91.7394



90.3790, 91.8381, 103.7046



72.8365, 70.0455, 104.2890



19.2092, 19.4209, 22.0439



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.



80.1159, 74.0835, 91.7394



77.3033, 69.2720, 88.2930



77.1389, 72.8927, 76.0630



18.4959, 18.1817, 21.2287



25.0431, 12.5066, 19.4095



2.4909, 1.2387, 2.1662

Inverse Universe

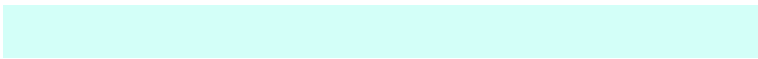
The Inverse Universe completely reimagines the original color for something new.



80.1159, 74.0835, 91.7394



77.3033, 69.2720, 88.2930



79.6312, 92.1720, 102.7273



18.4959, 18.1817, 21.2287



25.0431, 12.5066, 19.4095



2.4909, 1.2387, 2.1662

Previews

White Background



This preview shows how the XYZ color 80.1143, 74.0805, 91.7378 looks on a white background.

Color Contrast Check

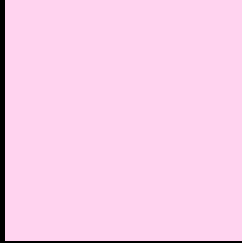
Large Text (above 18pt) WCAG AA × Fail

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 80.1143, 74.0805, 91.7378 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 80.1143, 74.0805, 91.7378

Background



This preview shows how black text looks on a background with the XYZ color 80.1143, 74.0805, 91.7378.



This preview shows how white text looks on a background with the XYZ color 80.1143, 74.0805,

91.7378.

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

80.1143, 74.0805, 91.7378

Protanopia

72.5746, 74.2685, 97.6989

Deuteranopia

75.8421, 74.1495, 91.2039



Tritanopia

78.8102, 74.3165, 84.3195

Trichromacy



Original Color

80.1143, 74.0805, 91.7378

Protanomaly

74.8533, 73.9375, 95.1202

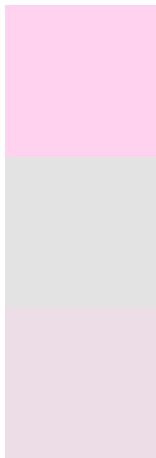
Deuteranomaly

77.3892, 74.1864, 91.1295

Tritanomaly

79.1245, 74.0410, 87.2118

Monochromacy



Original Color

80.1143, 74.0805, 91.7378

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.2053, 75.4869, 86.2080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1143, 74.0805, 91.7378 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 239) }
```

Border

The CSS property to change the border of an element to XYZ 80.1143, 74.0805, 91.7378 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, 239) }
```


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

```
.border{ border-color:rgb(255, 211, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1143, 74.0805, 91.7378 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, 239) }
```

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

```
.background{ background-color: rgb(255,  
211, 239) }
```

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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