

Converting Colors

XYZ(82.0921, 74.8802,
102.1267)

Have a look what the booklet for
XYZ(82.0921, 74.8802, 102.1267)
contains.

XYZ(82.1050, 74.8768, 102.2207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.1050, 74.8768,
102.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3FC
RGB	255, 211, 252
RGB Percent	100%, 83%, 99%
CMY	0.0000, 0.1725, 0.0118
CMYK	0.00, 0.17, 0.01, 0.00
HSL	304°, 100%, 91%
HSV	304°, 17%, 100%
XYZ	82.1050, 74.8768, 102.2207
YIQ	228.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

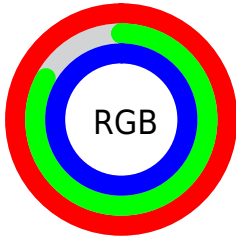
Format	Color
R _Y B	255, 211, 252
Decimal	16765948
CIE Lab	89.34, 22.16, -14.22
CIE LCh	89, 26.330, 327.307
Yxy	74.8768, 0.3168, 0.2889
Android (android.graphics.Color)	4294956028 (0xFFFFD3FC)
YUV	228.8300, 11.4228, 22.9511
Hunter-Lab	86.5314, 17.9392, -9.4681

Details

The XYZ color **82.1050, 74.8768, 102.2207** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.7638, 90.2250, 77.0960**, and the grayscale version is **74.2647, 78.1323, 85.0861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0275, 39.7228, 56.9238** is the 20% darker color. If you saturate the color by 10%, you get **75.9916, 63.0885, 98.8311**, and if you desaturate by 10%, it is **89.2289, 88.6816, 105.9617**.

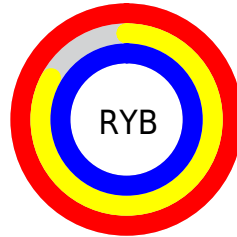
Distribution



Red (100%)

Green (83%)

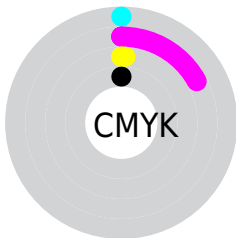
Blue (99%)



Red (100%)

Yellow (83%)

Blue (99%)

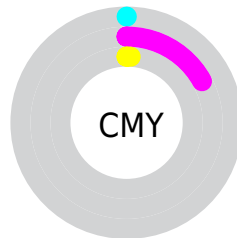


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1050, 74.8768, 102.2207 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 82.1050, 74.8768, 102.2207 by changing the saturation by 10% instead.

82.1050, 74.8768,
102.2207

82.1050, 74.8768,
102.2207

490.6280,
477.4940, 588.5966

61.7665, 55.5120,
77.5292

135.2563,
126.1380, 166.2840

45.0989, 39.8118,
57.1732

168.7998,
158.8031, 206.4930

31.7370, 27.3918,
40.7340

207.4757,
196.6704, 252.7115

21.3152, 17.8677,
27.7932

251.6492,
240.1243, 305.3581

13.4684, 10.8550,
17.9321

301.6859,
289.5492, 364.8514

7.8311, 5.9694,
10.7323

357.9510,

4.0379, 2.8265,

345.3296, 431.6099

5.7752

420.8100,
407.8497, 506.0521

■ 1.7236, 1.0418,
2.6423

■ 0.4710, 0.0000,
0.9142

■ 82.1050, 74.8768,
102.2207

■ 82.1050, 74.8768,
102.2207

■ 75.9916, 63.0885,
98.8311

■ 89.2289, 88.6816,
105.9617

■ 70.8367, 53.2135,
95.7724

95.0500, 100.0000,
108.9000

■ 66.5908, 45.1526,
93.0290

■ 63.1981, 38.7941,
90.5824

■ 60.5967, 34.0140,
88.4118

■ 58.7162, 30.6718,
86.4938

■ 57.4738, 28.6019,
84.8007

■ 56.7628, 27.5908,
83.2970

■ 56.6167, 27.4107,
82.9024

Harmonies

Analogous

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



77.0007, 74.8768, 117.2700



82.1050, 74.8768, 102.2207



84.2664, 74.8768, 83.2058

Triad

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



82.1050, 74.8768, 102.2207



71.7516, 74.8768, 50.9893



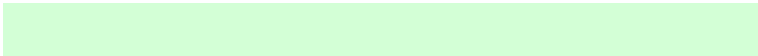
60.7235, 74.8768, 98.9014

Complementary

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



82.1050, 74.8768, 102.2207



74.7638, 90.2250, 77.0960

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.



59.5028, 74.8768, 79.8731



82.1050, 74.8768, 102.2207



65.6378, 74.8768, 53.9044

Square

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



82.1050, 74.8768, 102.2207



78.0677, 74.8768, 55.1789



61.2484, 74.8768, 63.8354



64.6876, 74.8768, 115.1595

Rectangle

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



82.1050, 74.8768, 102.2207



83.6558, 74.8768, 71.4277



61.2484, 74.8768, 63.8354



59.9895, 74.8768, 92.5384

Sweetspot

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



82.1066, 74.8797, 102.2223



90.9770, 92.0773, 106.8536



69.0593, 68.0983, 104.1122



19.3549, 19.4791, 22.8111



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.



82.1066, 74.8797, 102.2223



79.6995, 70.2305, 100.9115



78.8284, 73.5685, 84.9598



18.7361, 18.2777, 22.4933



29.6062, 14.3318, 43.4382



2.8981, 1.4016, 4.3107

Inverse Universe

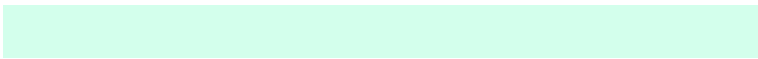
The Inverse Universe completely reimagines the original color for something new.



82.1066, 74.8797, 102.2223



79.6995, 70.2305, 100.9115



77.7566, 91.4221, 92.8560



18.7361, 18.2777, 22.4933



29.6062, 14.3318, 43.4382



2.8981, 1.4016, 4.3107

Previews

White Background



This preview shows how the XYZ color 82.1050, 74.8768, 102.2207 looks on a white background.

Color Contrast Check

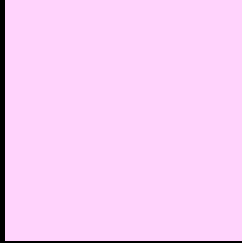
Large Text (above 18pt) WCAG AA × Fail

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 82.1050, 74.8768, 102.2207 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 82.1050, 74.8768, 102.2207

Background



This preview shows how black text looks on a background with the XYZ color 82.1050, 74.8768, 102.2207.



This preview shows how white text looks on a background with the XYZ color 82.1050, 74.8768,

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

82.1050, 74.8768, 102.2207

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

77.0051, 75.2902, 101.7407



Tritanopia

78.8691, 75.0658, 85.9336

Trichromacy



Original Color

82.1050, 74.8768, 102.2207

Protanomaly

76.4996, 74.9746, 104.2055

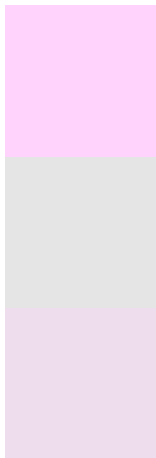
Deuteranomaly

78.5864, 74.9540, 101.5924

Tritanomaly

80.1346, 75.2078, 91.9544

Monochromacy



Original Color

82.1050, 74.8768, 102.2207

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.6672, 76.5341, 90.8525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1050, 74.8768, 102.2207 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 252) }
```

Border

The CSS property to change the border of an element to XYZ 82.1050, 74.8768, 102.2207 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, 252) }
```


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

```
.border{ border-color:rgb(255, 211, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1050, 74.8768, 102.2207 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
211, 252) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor