

Converting Colors

XYZ(81.9872, 74.8317,
101.5948)

Have a look what the booklet for
XYZ(81.9872, 74.8317, 101.5948)
contains.

XYZ(81.9469, 74.8136, 101.3882)	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(81.9469, 74.8136,
101.3882)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3FB
RGB	255, 211, 251
RGB Percent	100%, 83%, 98%
CMY	0.0000, 0.1725, 0.0157
CMYK	0.00, 0.17, 0.02, 0.00
HSL	305°, 100%, 91%
HSV	305°, 17%, 100%
XYZ	81.9469, 74.8136, 101.3882
YIQ	228.7160, 13.3840, 21.7680

Conversions

Conversions Part 2

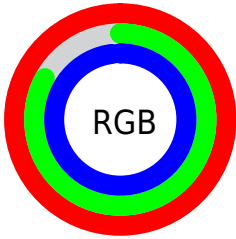
Format	Color
R _Y B	255, 211, 251
Decimal	16765947
CIE Lab	89.31, 21.98, -13.74
CIE LCh	89, 25.922, 327.991
Yxy	74.8136, 0.3174, 0.2898
Android (android.graphics.Color)	4294956027 (0xFFFFD3FB)
YUV	228.7160, 10.9860, 23.0511
Hunter-Lab	86.4949, 17.7484, -8.9526

Details

The XYZ color **81.9469, 74.8136, 101.3882** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.8920, 90.2763, 77.7708**, and the grayscale version is **74.1840, 78.0474, 84.9936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9148, 39.6777, 56.3302** is the 20% darker color. If you saturate the color by 10%, you get **75.7445, 62.9898, 97.5301**, and if you desaturate by 10%, it is **89.1618, 88.6548, 105.6080**.

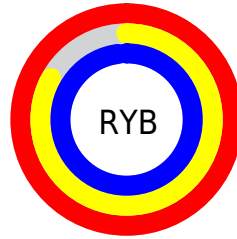
Distribution



Red (100%)

Green (83%)

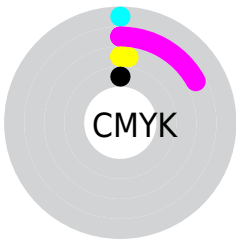
Blue (98%)



Red (100%)

Yellow (83%)

Blue (98%)

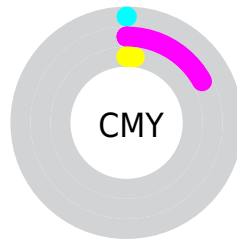


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.9469, 74.8136, 101.3882 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 81.9469, 74.8136, 101.3882 by changing the saturation by 10% instead.


 81.9469, 74.8136,
101.3882

 81.9469, 74.8136,
101.3882


490.1073,
477.2766, 585.9189

 61.6357, 55.4602,
76.8371


135.0357,
126.0485, 165.1321

 44.9929, 39.7703,
56.6084


168.5441,
158.6987, 205.1619

 31.6531, 27.3595,
40.2836


207.1823,
196.5501, 251.1883

 21.2509, 17.8434,
27.4443

251.3156,
239.9869, 303.6299

 13.4211, 10.8376,
17.6718

301.3094,
289.3935, 362.9052

 7.7981, 5.9577,
10.5476

357.5290,

 4.0168, 2.8194,

345.1544, 429.4328

5.6532

420.3399,
407.6540, 503.6312

■ 1.7116, 1.0382,
2.5700

■ 0.4635, 0.0000,
0.8769

■ 81.9469, 74.8136,
101.3882

■ 81.9469, 74.8136,
101.3882

■ 75.7445, 62.9898,
97.5301

■ 89.1618, 88.6548,
105.6080

■ 70.5026, 53.0799,
94.0131

95.0500, 100.0000,
108.9000

■ 66.1716, 44.9849,
90.8217

■ 62.6958, 38.5931,
87.9371

■ 60.0132, 33.7806,
85.3387

■ 58.0533, 30.4067,
83.0029

■ 56.7335, 28.3058,
80.9021

■ 55.9469, 27.2644,
79.0005

■ 55.7803, 27.0761,
78.4984

Harmonies

Analogous

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



76.9804, 74.8136, 116.3158



81.9469, 74.8136, 101.3882



83.9914, 74.8136, 82.6889

Triad

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



81.9469, 74.8136, 101.3882



71.5361, 74.8136, 51.3289



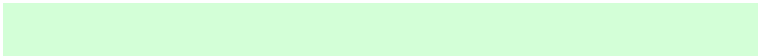
60.8838, 74.8136, 98.9560

Complementary

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



81.9469, 74.8136, 101.3882



74.8920, 90.2763, 77.7708

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.



59.6145, 74.8136, 80.2420



81.9469, 74.8136, 101.3882



65.5423, 74.8136, 54.3711

Square

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



81.9469, 74.8136, 101.3882



77.7631, 74.8136, 55.3108



61.2698, 74.8136, 64.3296



64.8440, 74.8136, 114.7714

Rectangle

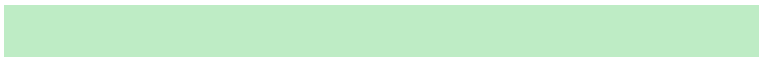
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.9469, 74.8136, 101.3882



83.3359, 74.8136, 71.1513



61.2698, 74.8136, 64.3296



60.1390, 74.8136, 92.7177

Sweetspot

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



81.9485, 74.8165, 101.3898



90.9305, 92.0588, 106.6092



69.2738, 68.2089, 104.1223



19.3435, 19.4746, 22.7515



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.



81.9485, 74.8165, 101.3898



79.5079, 70.1539, 99.9022



78.7256, 73.5274, 84.4184



18.7173, 18.2702, 22.3943



29.1758, 14.1596, 41.1719



2.8607, 1.3867, 4.1140

Inverse Universe

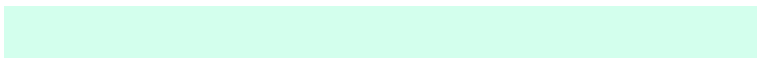
The Inverse Universe completely reimagines the original color for something new.



81.9485, 74.8165, 101.3898



79.5079, 70.1539, 99.9022



77.8634, 91.4648, 93.4182



18.7173, 18.2702, 22.3943



29.1758, 14.1596, 41.1719



2.8607, 1.3867, 4.1140

Previews

White Background



This preview shows how the XYZ color 81.9469, 74.8136, 101.3882 looks on a white background.

Color Contrast Check

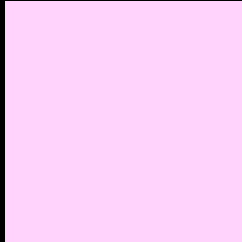
Large Text (above 18pt) WCAG AA × Fail

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 81.9469, 74.8136, 101.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

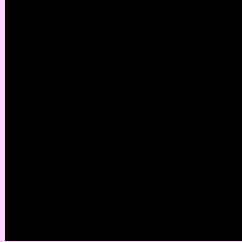
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.9469, 74.8136, 101.3882

Background



This preview shows how black text looks on a background with the XYZ color 81.9469, 74.8136, 101.3882.



This preview shows how white text looks on a background with the XYZ color 81.9469, 74.8136,

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

81.9469, 74.8136, 101.3882

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

76.8478, 75.2273, 100.9125



Tritanopia

78.6153, 74.5581, 85.8490

Trichromacy



Original Color

81.9469, 74.8136, 101.3882

Protanomaly

76.4996, 74.9746, 104.2055

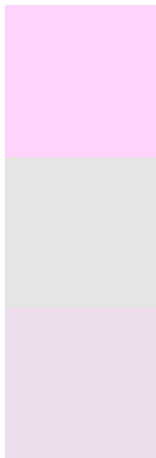
Deuteranomaly

78.4291, 74.8911, 100.7642

Tritanomaly

79.7349, 74.6442, 91.0942

Monochromacy



Original Color

81.9469, 74.8136, 101.3882

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 81.9469, 74.8136, 101.3882 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 251) }
```

Border

The CSS property to change the border of an element to XYZ 81.9469, 74.8136, 101.3882 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, 251) }
```


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

```
.border{ border-color:rgb(255, 211, 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, 211, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 81.9469, 74.8136, 101.3882 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
211, 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](#).

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