

Converting Colors

XYZ(134.2411, 97.2245,
104.1778)

Have a look what the booklet for
XYZ(134.2411, 97.2245, 104.1778)
contains.

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Color

**XYZ(79.0048, 68.6764,
101.1873)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6FC
RGB	255, 198, 252
RGB Percent	100%, 78%, 99%
CMY	0.0000, 0.2235, 0.0118
CMYK	0.00, 0.22, 0.01, 0.00
HSL	303°, 100%, 89%
HSV	303°, 22%, 100%
XYZ	79.0048, 68.6764, 101.1873
YIQ	221.1990, 16.6380, 28.8780

Conversions

Conversions Part 2

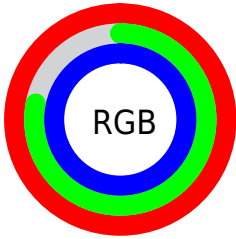
Format	Color
R _Y B	255, 198, 252
Decimal	16762620
CIE Lab	86.34, 28.98, -18.72
CIE LCh	86, 34.502, 327.145
Yxy	68.6764, 0.3175, 0.2760
Android (android.graphics.Color)	4294952700 (0xFFFFC6FC)
YUV	221.1990, 15.1849, 29.6435
Hunter-Lab	82.8712, 25.1473, -14.3843

Details

The XYZ color **79.0048, 68.6764, 101.1873** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5933, 87.7438, 68.5293**, and the grayscale version is **68.7569, 72.3376, 78.7756**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1123, 35.8924, 56.2854** is the 20% darker color. If you saturate the color by 10%, you get **73.4479, 57.9014, 98.2906**, and if you desaturate by 10%, it is **85.5473, 81.4196, 104.4219**.

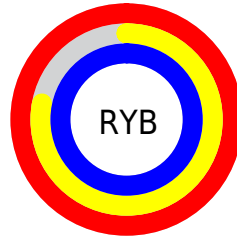
Distribution



Red (100%)

Green (78%)

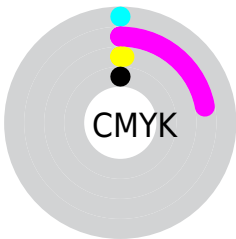
Blue (99%)



Red (100%)

Yellow (78%)

Blue (99%)

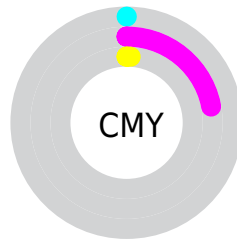


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0048, 68.6764, 101.1873 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 79.0048, 68.6764, 101.1873 by changing the saturation by 10% instead.

79.0048, 68.6764,
101.1873

79.0048, 68.6764,
101.1873

480.3604,
455.8888, 585.2718

59.2054, 50.4482,
76.6701

130.9235,
117.3193, 164.8539

43.0255, 35.7697,
56.4722

163.7735,
148.5027, 204.8404

30.0997, 24.2564,
40.1751

201.7045,
184.7734, 250.8204

20.0627, 15.5239,
27.3603

245.0817,
226.5157, 303.2124

12.5492, 9.1879,
17.6092

294.2705,
274.1140, 362.4350

7.1937, 4.8639,
10.5032

349.6363,

3.6309, 2.1677,

327.9527, 428.9068

5.6239

411.5445,
388.4162, 503.0462

■ 1.4955, 0.7023,
2.5527

■ 0.3228, 0.0000,
0.8679

■ 79.0048, 68.6764,
101.1873

■ 79.0048, 68.6764,
101.1873

■ 73.4479, 57.9014,
98.2906

■ 85.5473, 81.4196,
104.4219

■ 68.8231, 48.9886,
95.7110

■ 93.1167, 96.2145,
108.0052

■ 65.0785, 41.8338,
93.4322

95.0500, 100.0000,
108.9000

■ 62.1555, 36.3196,
91.4345

■ 59.9881, 32.3143,
89.6962

■ 58.5003, 29.6659,
88.1916

■ 57.6002, 28.1905,
86.8904

■ 57.2044, 27.6458,
85.9975

Harmonies

Analogous

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



72.5150, 68.6764, 120.9946



79.0048, 68.6764, 101.1873



81.7978, 68.6764, 76.9831

Triad

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



79.0048, 68.6764, 101.1873



66.0407, 68.6764, 38.9662



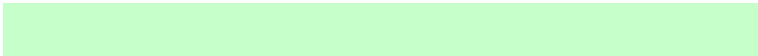
52.5724, 68.6764, 96.6278

Complementary

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



79.0048, 68.6764, 101.1873



69.5933, 87.7438, 68.5293

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.



51.1417, 68.6764, 72.6133



79.0048, 68.6764, 101.1873



58.5335, 68.6764, 42.1421

Square

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



79.0048, 68.6764, 101.1873



73.9416, 68.6764, 43.6504



53.2356, 68.6764, 53.4152



57.3133, 68.6764, 118.0083

Rectangle

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



79.0048, 68.6764, 101.1873



81.0313, 68.6764, 62.5774



53.2356, 68.6764, 53.4152



51.7061, 68.6764, 88.4672

Sweetspot

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



79.0062, 68.6791, 101.1887



89.4668, 89.0749, 106.2948



62.2939, 60.0082, 102.9072



19.0517, 18.8745, 22.7051



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.



79.0062, 68.6791, 101.1887



76.3027, 63.4299, 99.8006



74.8429, 67.0137, 79.2649



18.7490, 18.2829, 22.5611



29.9085, 14.4527, 45.0301



2.9242, 1.4121, 4.4484

Inverse Universe

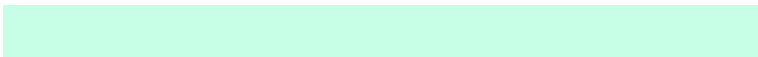
The Inverse Universe completely reimagines the original color for something new.



79.0062, 68.6791, 101.1887



76.3027, 63.4299, 99.8006



73.2423, 89.2034, 87.7448



18.7490, 18.2829, 22.5611



29.9085, 14.4527, 45.0301



2.9242, 1.4121, 4.4484

Previews

White Background



This preview shows how the XYZ color 79.0048, 68.6764, 101.1873 looks on a white background.

Color Contrast Check

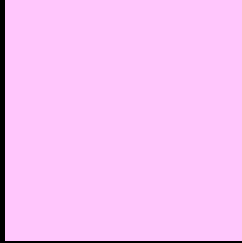
Large Text (above 18pt) WCAG AA × Fail

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 79.0048, 68.6764, 101.1873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

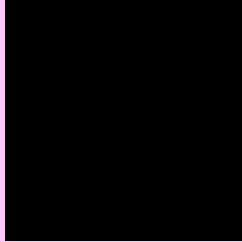
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.0048, 68.6764, 101.1873

Background



This preview shows how black text looks on a background with the XYZ color 79.0048, 68.6764, 101.1873.



This preview shows how white text looks on a background with the XYZ color 79.0048, 68.6764,

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

79.0048, 68.6764, 101.1873

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.6738, 69.0203, 100.0398



Tritanopia

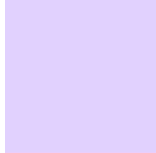
74.2948, 68.8623, 77.0861

Trichromacy



Original Color

79.0048, 68.6764, 101.1873



Protanomaly

71.7412, 68.7642, 103.2576



Deuteranomaly

73.4156, 68.6001, 100.6385



Tritanomaly

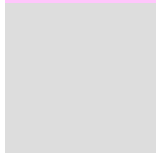
75.8309, 68.7627, 85.6197

Monochromacy



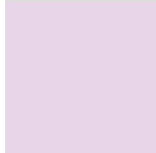
Original Color

79.0048, 68.6764, 101.1873



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.9640, 70.7383, 86.2049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0048, 68.6764, 101.1873 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, 198, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.0048, 68.6764, 101.1873 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, 198, 252) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0048, 68.6764, 101.1873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 252) }
```

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

```
.background{ background-color: rgb(255,  
198, 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](#).

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