

Converting Colors

XYZ(78.9323, 68.4132,
101.5281)

Have a look what the booklet for
XYZ(78.9323, 68.4132, 101.5281)
contains.

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Color

**XYZ(78.7769, 68.2208,
101.1114)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5FC
RGB	255, 197, 252
RGB Percent	100%, 77%, 99%
CMY	0.0000, 0.2274, 0.0118
CMYK	0.00, 0.23, 0.01, 0.00
HSL	303°, 100%, 89%
HSV	303°, 23%, 100%
XYZ	78.7769, 68.2208, 101.1114
YIQ	220.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

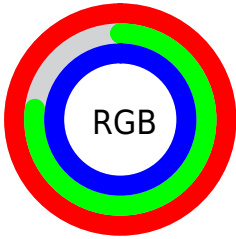
Format	Color
R _Y B	255, 197, 252
Decimal	16762364
CIE Lab	86.12, 29.51, -19.06
CIE LCh	86, 35.129, 327.141
Yxy	68.2208, 0.3175, 0.2750
Android (android.graphics.Color)	4294952444 (0xFFFFC5FC)
YUV	220.6120, 15.4743, 30.1583
Hunter-Lab	82.5959, 25.7039, -14.7639

Details

The XYZ color **78.7769, 68.2208, 101.1114** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.2134, 87.5615, 67.8996**, and the grayscale version is **68.3435, 71.9027, 78.3021**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **42.9615, 35.5908, 56.2352** is the 20% darker color. If you saturate the color by 10%, you get **73.2612, 57.5223, 98.2463**, and if you desaturate by 10%, it is **85.2765, 80.8839, 104.3134**.

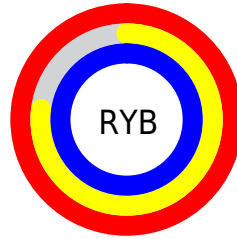
Distribution



Red (100%)

Green (77%)

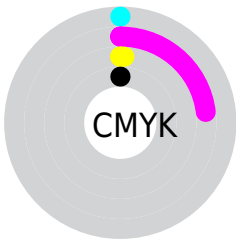
Blue (99%)



Red (100%)

Yellow (77%)

Blue (99%)

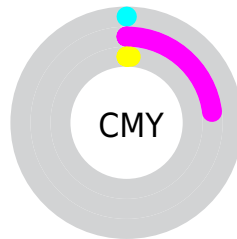


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.7769, 68.2208, 101.1114 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 78.7769, 68.2208, 101.1114 by changing the saturation by 10% instead.


 78.7769, 68.2208,
101.1114

 78.7769, 68.2208,
101.1114


479.6008,
454.2779, 585.0272

 59.0174, 50.0774,
76.6070


130.6043,
116.6680, 164.7488

 42.8735, 35.4749,
56.4207

163.4029,
147.7405, 204.7190

 29.9800, 24.0289,
40.1341


201.2786,
183.8915, 250.6814

 19.9714, 15.3551,
27.3285

244.5968,
225.5054, 303.0547

 12.4824, 9.0690,
17.5855

293.7227,
272.9666, 362.2573

 7.1476, 4.7862,
10.4865

349.0218,

 3.6018, 2.1224,

326.6595, 428.7080

5.6129

410.8594,
386.9685, 502.8251

■ 1.4794, 0.6772,
2.5462

■ 0.3118, 0.0000,
0.8645

■ 78.7769, 68.2208,
101.1114

■ 78.7769, 68.2208,
101.1114

■ 73.2612, 57.5223,
98.2463

■ 85.2765, 80.8839,
104.3134

■ 68.6755, 48.6819,
95.6975

■ 92.8010, 95.5951,
107.8634

■ 64.9678, 41.5951,
93.4484

95.0500, 100.0000,
108.9000

■ 62.0791, 36.1440,
91.4795

■ 59.9432, 32.1963,
89.7685

■ 58.4837, 29.5989,
88.2902

■ 57.6077, 28.1664,
87.0134

■ 57.2391, 27.6596,
86.1802

Harmonies

Analogous

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



72.1850, 68.2208, 121.2891



78.7769, 68.2208, 101.1114



81.6165, 68.2208, 76.5210

Triad

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



78.7769, 68.2208, 101.1114



65.6194, 68.2208, 38.1349



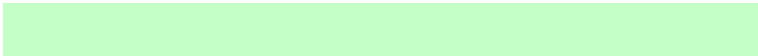
51.9841, 68.2208, 96.4660

Complementary

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



78.7769, 68.2208, 101.1114



69.2134, 87.5615, 67.8996

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.



50.5391, 68.2208, 72.0849



78.7769, 68.2208, 101.1114



58.0143, 68.2208, 41.3234

Square

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



78.7769, 68.2208, 101.1114



73.6355, 68.2208, 42.8418



52.6554, 68.2208, 52.6737



56.7777, 68.2208, 118.2395

Rectangle

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



78.7769, 68.2208, 101.1114



80.8376, 68.2208, 61.9322



52.6554, 68.2208, 52.6737



51.1089, 68.2208, 88.1706

Sweetspot

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



78.7785, 68.2235, 101.1128



89.4694, 89.0760, 106.3084



61.8118, 59.4215, 102.8194



19.0523, 18.8747, 22.7083



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.



78.7785, 68.2235, 101.1128



76.3125, 63.4339, 99.8526



74.5408, 66.5285, 78.7976



18.7497, 18.2832, 22.5651



29.9263, 14.4598, 45.1241



2.9258, 1.4127, 4.4566

Inverse Universe

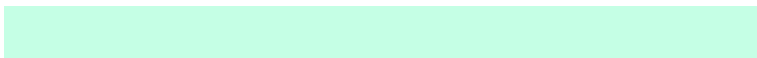
The Inverse Universe completely reimagines the original color for something new.



78.7785, 68.2235, 101.1128



76.3125, 63.4339, 99.8526



72.9168, 89.0428, 87.4013



18.7497, 18.2832, 22.5651



29.9263, 14.4598, 45.1241



2.9258, 1.4127, 4.4566

Previews

White Background



This preview shows how the XYZ color 78.7769, 68.2208, 101.1114 looks on a white background.

Color Contrast Check

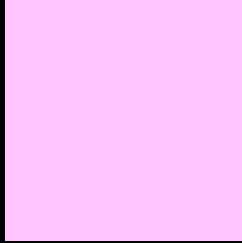
Large Text (above 18pt) WCAG AA × Fail

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 78.7769, 68.2208, 101.1114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

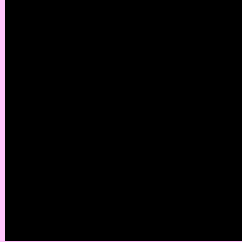
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.7769, 68.2208, 101.1114

Background



This preview shows how black text looks on a background with the XYZ color 78.7769, 68.2208, 101.1114.



This preview shows how white text looks on a background with the XYZ color 78.7769, 68.2208,

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

78.7769, 68.2208, 101.1114

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

69.9643, 68.3049, 99.1192



Tritanopia

73.5665, 68.1503, 76.2948

Trichromacy



Original Color

78.7769, 68.2208, 101.1114



Protanomaly

71.1857, 68.1148, 103.1615



Deuteranomaly

72.6909, 67.8884, 99.7150



Tritanomaly

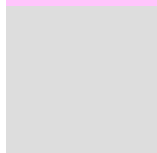
75.4553, 68.2383, 84.7957

Monochromacy



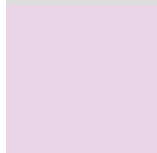
Original Color

78.7769, 68.2208, 101.1114



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.7132, 70.2368, 86.1213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.7769, 68.2208, 101.1114 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, 197, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 252) }
```

Border

The CSS property to change the border of an element to XYZ 78.7769, 68.2208, 101.1114 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, 197, 252) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 78.7769, 68.2208, 101.1114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 252) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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