

Converting Colors

XYZ(98.1258, 78.4833,
100.8415)

Have a look what the booklet for
XYZ(98.1258, 78.4833, 100.8415)
contains.

XYZ(78.8467, 68.6132, 100.3548)	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(78.8467, 68.6132,
100.3548)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6FB
RGB	255, 198, 251
RGB Percent	100%, 78%, 98%
CMY	0.0000, 0.2235, 0.0157
CMYK	0.00, 0.22, 0.02, 0.00
HSL	304°, 100%, 89%
HSV	304°, 22%, 100%
XYZ	78.8467, 68.6132, 100.3548
YIQ	221.0850, 16.9590, 28.5670

Conversions

Conversions Part 2

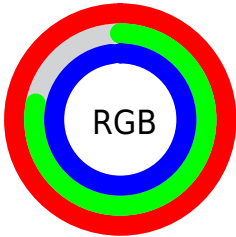
Format	Color
R _Y B	255, 198, 251
Decimal	16762619
CIE Lab	86.31, 28.81, -18.24
CIE LCh	86, 34.092, 327.664
Yxy	68.6132, 0.3182, 0.2769
Android (android.graphics.Color)	4294952699 (0xFFFFC6FB)
YUV	221.0850, 14.7481, 29.7435
Hunter-Lab	82.8331, 24.9517, -13.8485

Details

The XYZ color **78.8467, 68.6132, 100.3548** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.7114, 87.7910, 69.1511**, and the grayscale version is **68.6797, 72.2564, 78.6872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9996, 35.8473, 55.6918** is the 20% darker color. If you saturate the color by 10%, you get **73.2210, 57.8107, 97.0955**, and if you desaturate by 10%, it is **85.4592, 81.3845, 103.9581**.

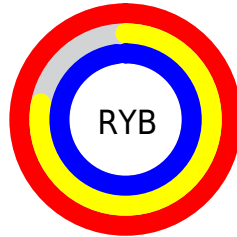
Distribution



Red (100%)

Green (78%)

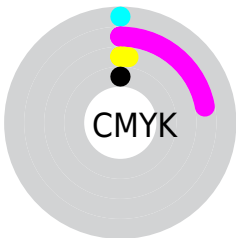
Blue (98%)



Red (100%)

Yellow (78%)

Blue (98%)

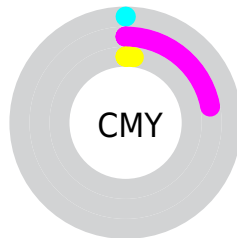


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8467, 68.6132, 100.3548 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 78.8467, 68.6132, 100.3548 by changing the saturation by 10% instead.


 78.8467, 68.6132,
100.3548

 78.8467, 68.6132,
100.3548


479.8335,
455.6656, 582.5860

 59.0750, 50.3968,
75.9783


130.7021,
117.2289, 163.7008

 42.9201, 35.7288,
55.9082


163.5165,
148.3970, 203.5074

 30.0167, 24.2248,
39.7258


201.4091,
184.6511, 249.2945

 19.9994, 15.5004,
27.0127

244.7453,
226.3756, 301.4806

 12.5028, 9.1714,
17.3502

293.8905,
273.9549, 360.4843

 7.1617, 4.8531,
10.3199

349.2101,

 3.6107, 2.1613,

327.7734, 426.7240

5.5032

411.0693,
388.2155, 500.6184

■ 1.4843, 0.6988,
2.4816

■ 0.3151, 0.0000,
0.8304

■ 78.8467, 68.6132,
100.3548

■ 78.8467, 68.6132,
100.3548

■ 73.2210, 57.8107,
97.0955

■ 85.4592, 81.3845,
103.9581

■ 68.5285, 48.8708,
94.1595

■ 93.0998, 96.2078,
107.9163

■ 64.7174, 41.6893,
91.5303

95.0500, 100.0000,
108.9000

■ 61.7290, 36.1490,
89.1884

■ 59.4973, 32.1180,
87.1118

■ 57.9464, 29.4443,
85.2751

■ 56.9844, 27.9442,
83.6476

■ 56.5420, 27.3808,
82.5092

Harmonies

Analogous

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



72.4918, 68.6132, 120.0138



78.8467, 68.6132, 100.3548



81.5241, 68.6132, 76.4879

Triad

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



78.8467, 68.6132, 100.3548



65.8333, 68.6132, 39.2481



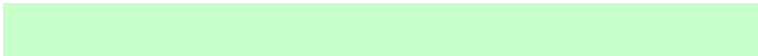
52.7154, 68.6132, 96.6770

Complementary

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



78.8467, 68.6132, 100.3548



69.7114, 87.7910, 69.1511

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.



51.2401, 68.6132, 72.9561



78.8467, 68.6132, 100.3548



58.4418, 68.6132, 42.5362

Square

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



78.8467, 68.6132, 100.3548



73.6439, 68.6132, 43.7609



53.2523, 68.6132, 53.8517



57.4547, 68.6132, 117.6079

Rectangle

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



78.8467, 68.6132, 100.3548



80.7139, 68.6132, 62.3207



53.2523, 68.6132, 53.8517



51.8388, 68.6132, 88.6370

Sweetspot

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



78.8482, 68.6159, 100.3562



89.4166, 89.0549, 106.0307



62.5499, 60.1402, 102.9192



19.0401, 18.8698, 22.6438



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.



78.8482, 68.6159, 100.3562



76.1124, 63.3538, 98.7988



74.7147, 66.9625, 78.5896



18.7344, 18.2771, 22.4845



29.5678, 14.3164, 43.2359



2.8948, 1.4003, 4.2932

Inverse Universe

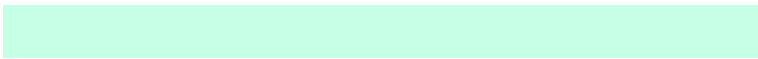
The Inverse Universe completely reimagines the original color for something new.



78.8482, 68.6159, 100.3562



76.1124, 63.3538, 98.7988



73.3757, 89.2567, 88.4468



18.7344, 18.2771, 22.4845



29.5678, 14.3164, 43.2359



2.8948, 1.4003, 4.2932

Previews

White Background



This preview shows how the XYZ color 78.8467, 68.6132, 100.3548 looks on a white background.

Color Contrast Check

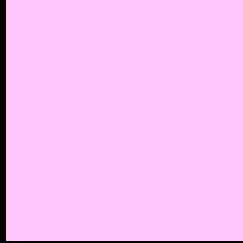
Large Text (above 18pt) WCAG AA × Fail

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 78.8467, 68.6132, 100.3548 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 78.8467, 68.6132, 100.3548

Background



This preview shows how black text looks on a background with the XYZ color 78.8467, 68.6132, 100.3548.



This preview shows how white text looks on a background with the XYZ color 78.8467, 68.6132,

100.3548.

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

78.8467, 68.6132, 100.3548

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.5173, 68.9577, 99.2160



Tritanopia

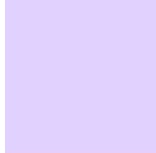
74.1627, 68.8094, 76.3906

Trichromacy



Original Color

78.8467, 68.6132, 100.3548



Protanomaly

71.7412, 68.7642, 103.2576



Deuteranomaly

73.2583, 68.5372, 99.8103



Tritanomaly

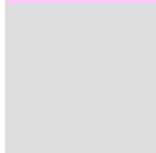
75.6892, 68.7060, 84.8736

Monochromacy



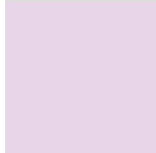
Original Color

78.8467, 68.6132, 100.3548



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 78.8467, 68.6132, 100.3548 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 251) }
```

Border

The CSS property to change the border of an element to XYZ 78.8467, 68.6132, 100.3548 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, 251) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8467, 68.6132, 100.3548 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, 251) }
```

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

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

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