

Converting Colors

XYZ(95.4377, 76.8896,
101.4862)

Have a look what the booklet for
XYZ(95.4377, 76.8896, 101.4862)
contains.

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Color

**XYZ(78.6188, 68.1575,
100.2788)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5FB
RGB	255, 197, 251
RGB Percent	100%, 77%, 98%
CMY	0.0000, 0.2274, 0.0157
CMYK	0.00, 0.23, 0.02, 0.00
HSL	304°, 100%, 89%
HSV	304°, 23%, 100%
XYZ	78.6188, 68.1575, 100.2788
YIQ	220.4980, 17.2340, 29.0900

Conversions

Conversions Part 2

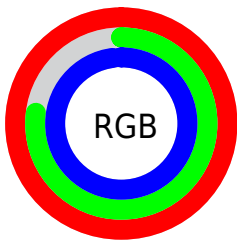
Format	Color
R_{YB}	255, 197, 251
Decimal	16762363
CIE _{Lab}	86.09, 29.33, -18.58
CIE _{LCh}	86, 34.719, 327.650
Yxy	68.1575, 0.3182, 0.2759
Android (android.graphics.Color)	4294952443 (0xFFFFC5FB)
YUV	220.4980, 15.0375, 30.2583
Hunter-Lab	82.5576, 25.5082, -14.2265

Details

The XYZ color **78.6188, 68.1575, 100.2788** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.3306, 87.6083, 68.5171**, and the grayscale version is **68.2665, 71.8217, 78.2138**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **42.8488, 35.5457, 55.6416** is the 20% darker color. If you saturate the color by 10%, you get **73.0354, 57.4320, 97.0574**, and if you desaturate by 10%, it is **85.1871, 80.8481, 103.8431**.

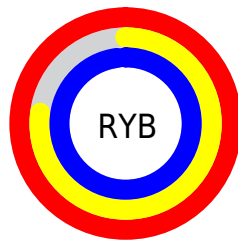
Distribution



Red (100%)

Green (77%)

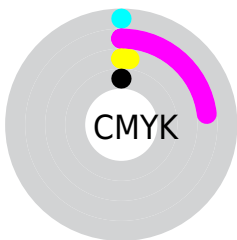
Blue (98%)



Red (100%)

Yellow (77%)

Blue (98%)

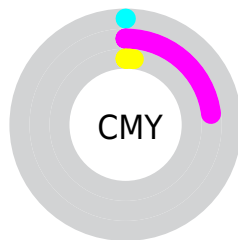


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.6188, 68.1575, 100.2788 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 78.6188, 68.1575, 100.2788 by changing the saturation by 10% instead.


 78.6188, 68.1575,
100.2788

 78.6188, 68.1575,
100.2788


479.0735,
454.0538, 582.3405

 58.8870, 50.0259,
75.9152


130.3828,
116.5774, 163.5955

 42.7682, 35.4340,
55.8567

163.1458,
147.6345, 203.3857

 29.8970, 23.9974,
39.6849


200.9831,
183.7689, 249.1551

 19.9081, 15.3317,
26.9810

244.2602,
225.3650, 301.3224

 12.4361, 9.0525,
17.3266

293.3425,
272.8071, 360.3060

 7.1157, 4.7754,
10.3032

348.5952,

 3.5816, 2.1161,

326.4797, 426.5246

5.4922

410.3838,
386.7671, 500.3965

■ 1.4682, 0.6737,
2.4751

■ 0.3041, 0.0000,
0.8269

■ 78.6188, 68.1575,
100.2788

■ 78.6188, 68.1575,
100.2788

■ 73.0354, 57.4320,
97.0574

■ 85.1871, 80.8481,
103.8431

■ 68.3832, 48.5649,
94.1580

■ 92.7816, 95.5873,
107.7613

■ 64.6100, 41.4519,
91.5644

95.0500, 100.0000,
108.9000

■ 61.6570, 35.9752,
89.2567

■ 59.4579, 32.0021,
87.2129

■ 57.9362, 29.3799,
85.4074

■ 56.9993, 27.9231,
83.8094

■ 56.5871, 27.3988,
82.7467

Harmonies

Analogous

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



72.1617, 68.1575, 120.3063



78.6188, 68.1575, 100.2788



81.3428, 68.1575, 76.0272

Triad

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



78.6188, 68.1575, 100.2788



65.4124, 68.1575, 38.4124



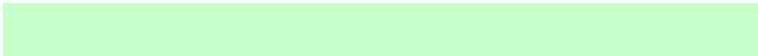
52.1257, 68.1575, 96.5149

Complementary

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



78.6188, 68.1575, 100.2788



69.3306, 87.6083, 68.5171

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.



50.6363, 68.1575, 72.4258



78.6188, 68.1575, 100.2788



57.9228, 68.1575, 41.7120

Square

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



78.6188, 68.1575, 100.2788



73.3382, 68.1575, 42.9505



52.6715, 68.1575, 53.1058



56.9180, 68.1575, 117.8385

Rectangle

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



78.6188, 68.1575, 100.2788



80.5204, 68.1575, 61.6768



52.6715, 68.1575, 53.1058



51.2403, 68.1575, 88.3399

Sweetspot

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



78.6203, 68.1602, 100.2802



89.4201, 89.0562, 106.0489



62.0705, 59.5549, 102.8315



19.0409, 18.8701, 22.6480



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.



78.6203, 68.1602, 100.2802



76.1255, 63.3590, 98.8676



74.4107, 66.4763, 78.1126



18.7354, 18.2775, 22.4898



29.5910, 14.3257, 43.3581



2.8968, 1.4011, 4.3038

Inverse Universe

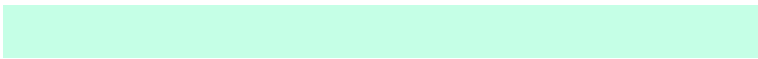
The Inverse Universe completely reimagines the original color for something new.



78.6203, 68.1602, 100.2802



76.1255, 63.3590, 98.8676



73.0520, 89.0969, 88.1138



18.7354, 18.2775, 22.4898



29.5910, 14.3257, 43.3581



2.8968, 1.4011, 4.3038

Previews

White Background



This preview shows how the XYZ color 78.6188, 68.1575, 100.2788 looks on a white background.

Color Contrast Check

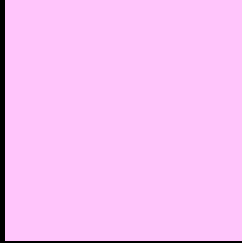
Large Text (above 18pt) WCAG AA × Fail

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 78.6188, 68.1575, 100.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

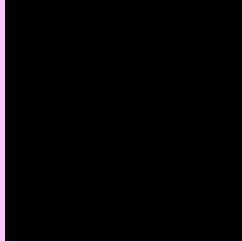
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6188, 68.1575, 100.2788

Background



This preview shows how black text looks on a background with the XYZ color 78.6188, 68.1575, 100.2788.



This preview shows how white text looks on a background with the XYZ color 78.6188, 68.1575,

100.2788.

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

78.6188, 68.1575, 100.2788

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

69.8087, 68.2426, 98.2998



Tritanopia

73.9258, 68.3356, 76.3116

Trichromacy



Original Color

78.6188, 68.1575, 100.2788



Protanomaly

71.1857, 68.1148, 103.1615



Deuteranomaly

72.5345, 67.8258, 98.8912



Tritanomaly

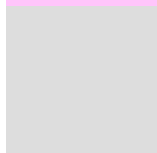
75.4553, 68.2383, 84.7957

Monochromacy



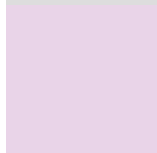
Original Color

78.6188, 68.1575, 100.2788



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 78.6188, 68.1575, 100.2788 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 251) }
```

Border

The CSS property to change the border of an element to XYZ 78.6188, 68.1575, 100.2788 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, 251) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6188, 68.1575, 100.2788 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, 251) }
```

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

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