

Converting Colors

XYZ(77.9937, 67.3945, 98.5685)

Have a look what the booklet for
XYZ(77.9937, 67.3945, 98.5685)
contains.

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Color

**XYZ(78.0788, 67.5794,
98.5515)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4F9
RGB	255, 196, 249
RGB Percent	100%, 77%, 98%
CMY	0.0000, 0.2313, 0.0235
CMYK	0.00, 0.23, 0.02, 0.00
HSL	306°, 100%, 88%
HSV	306°, 23%, 100%
XYZ	78.0788, 67.5794, 98.5515
YIQ	219.6830, 18.1510, 28.9910

Conversions

Conversions Part 2

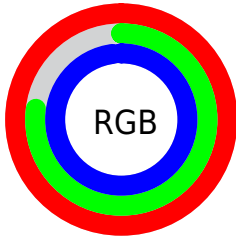
Format	Color
R _Y B	255, 196, 249
Decimal	16762105
CIE Lab	85.80, 29.50, -17.95
CIE LCh	86, 34.534, 328.677
Yxy	67.5794, 0.3197, 0.2767
Android (android.graphics.Color)	4294952185 (0xFFFFC4F9)
YUV	219.6830, 14.4533, 30.9730
Hunter-Lab	82.2067, 25.6752, -13.5337

Details

The XYZ color **78.0788, 67.5794, 98.5515** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.1877, 87.5210, 69.1266**, and the grayscale version is **67.7017, 71.2275, 77.5667**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **42.4761, 35.1575, 54.4165** is the 20% darker color. If you saturate the color by 10%, you get **72.4070, 56.8784, 94.6801**, and if you desaturate by 10%, it is **84.7366, 80.2430, 102.7810**.

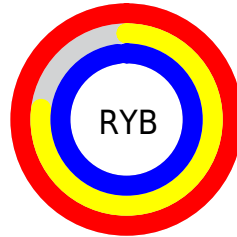
Distribution



Red (100%)

Green (77%)

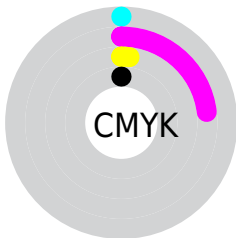
Blue (98%)



Red (100%)

Yellow (77%)

Blue (98%)

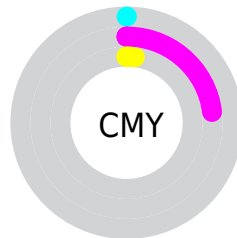


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.0788, 67.5794, 98.5515 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 78.0788, 67.5794, 98.5515 by changing the saturation by 10% instead.


 78.0788, 67.5794,
98.5515

 78.0788, 67.5794,
98.5515


477.2701,
452.0044, 576.7456

 58.4417, 49.5556,
74.4813


129.6260,
115.7502, 161.1997

 42.4085, 35.0604,
54.6889

162.2668,
146.6661, 200.6147

 29.6138, 23.7094,
38.7557

199.9729,
182.6481, 245.9817

 19.6923, 15.1182,
26.2634

243.1096,
224.0807, 297.7192

 12.2785, 8.9024,
16.7933

292.0424,
271.3482, 356.2458

 7.0072, 4.6776,
9.9268

347.1365,

 3.5130, 2.0594,

324.8351, 421.9801

5.2455

408.7573,
384.9257, 495.3405

■ 1.4305, 0.6416,
2.3308

■ 0.2778, 0.0000,
0.7484

■ 78.0788, 67.5794,
98.5515

■ 78.0788, 67.5794,
98.5515

■ 72.4070, 56.8784,
94.6801

■ 84.7366, 80.2430,
102.7810

■ 67.6674, 48.0330,
91.1459

■ 92.4219, 94.9528,
107.3797

■ 63.8076, 40.9385,
87.9323

95.0500, 100.0000,
108.9000

■ 60.7685, 35.4765,
85.0195

■ 58.4835, 31.5139,
82.3851

■ 56.8755, 28.8968,
80.0034

■ 55.8511, 27.4378,
77.8431

■ 55.3927, 26.9211,
76.4572

Harmonies

Analogous

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



71.7885, 67.5794, 118.6474



78.0788, 67.5794, 98.5515



80.6190, 67.5794, 74.5898

Triad

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



78.0788, 67.5794, 98.5515



64.5830, 67.5794, 38.1404



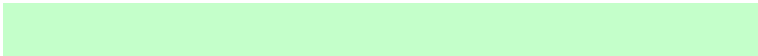
51.8237, 67.5794, 96.4561

Complementary

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



78.0788, 67.5794, 98.5515



69.1877, 87.5210, 69.1266

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.



50.2315, 67.5794, 72.5842



78.0788, 67.5794, 98.5515



57.2256, 67.5794, 41.6747

Square

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



78.0788, 67.5794, 98.5515



72.4436, 67.5794, 42.3649



52.1278, 67.5794, 53.2330



56.6659, 67.5794, 117.2738

Rectangle

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



78.0788, 67.5794, 98.5515



79.6979, 67.5794, 60.5309



52.1278, 67.5794, 53.2330



50.9091, 67.5794, 88.3870

Sweetspot

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



78.0803, 67.5821, 98.5529



89.3267, 89.0189, 105.5574



62.1227, 59.2458, 102.7691



19.0192, 18.8615, 22.5338



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.



78.0803, 67.5821, 98.5529



75.2004, 62.1362, 96.6254



73.8470, 65.8888, 76.2608



18.7084, 18.2667, 22.3474



28.9763, 14.0798, 40.1210



2.8433, 1.3797, 4.0224

Inverse Universe

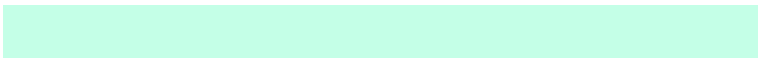
The Inverse Universe completely reimagines the original color for something new.



78.0803, 67.5821, 98.5529



75.2004, 62.1362, 96.6254



73.0072, 89.0488, 89.2398



18.7084, 18.2667, 22.3474



28.9763, 14.0798, 40.1210



2.8433, 1.3797, 4.0224

Previews

White Background



This preview shows how the XYZ color 78.0788, 67.5794, 98.5515 looks on a white background.

Color Contrast Check

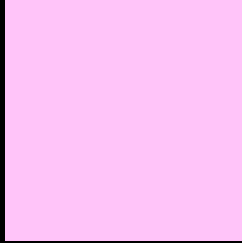
Large Text (above 18pt) WCAG AA × Fail

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 78.0788, 67.5794, 98.5515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

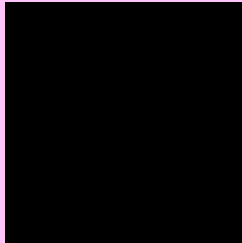
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0788, 67.5794, 98.5515

Background



This preview shows how black text looks on a background with the XYZ color 78.0788, 67.5794, 98.5515.



This preview shows how white text looks on a background with the XYZ color 78.0788, 67.5794,

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

78.0788, 67.5794, 98.5515

Protanopia

67.2978, 67.9303, 104.1726

Deuteranopia

69.2538, 67.6269, 96.5920



Tritanopia

73.4286, 67.7600, 74.8545

Trichromacy



Original Color

78.0788, 67.5794, 98.5515



Protanomaly

70.7829, 67.5648, 102.2392



Deuteranomaly

71.9856, 67.2248, 97.1773



Tritanomaly

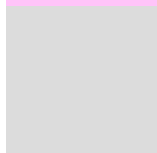
74.9420, 67.6611, 83.2388

Monochromacy



Original Color

78.0788, 67.5794, 98.5515



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

71.3223, 69.6817, 85.2921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0788, 67.5794, 98.5515 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, 196, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 249)  
}
```

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, 196, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.0788, 67.5794, 98.5515 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, 196, 249) }
```


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

```
.border{ border-color:rgb(255, 196, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 196, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0788, 67.5794, 98.5515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 249) }
```

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

```
.background{ background-color: rgb(255,  
196, 249) }
```

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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