

Converting Colors

XYZ(168.2063, 115.3832,
103.2394)

Have a look what the booklet for
XYZ(168.2063, 115.3832, 103.2394)
contains.

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Color

**XYZ(78.9932, 69.4081,
98.8562)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC8F9 |
| RGB | 255, 200, 249 |
| RGB Percent | 100%, 78%, 98% |
| CMY | 0.0000, 0.2157, 0.0235 |
| CMYK | 0.00, 0.22, 0.02, 0.00 |
| HSL | 307°, 100%, 89% |
| HSV | 307°, 22%, 100% |
| XYZ | 78.9932, 69.4081, 98.8562 |
| YIQ | 222.0310, 17.0510, 26.8990 |

Conversions

Conversions Part 2

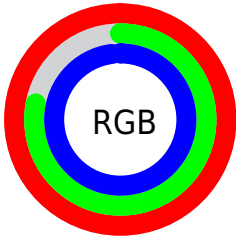
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 200, 249 |
| Decimal | 16763129 |
| CIE Lab | 86.71, 27.40, -16.58 |
| CIE LCh | 87, 32.027, 328.816 |
| Yxy | 69.4081, 0.3195, 0.2807 |
| Android (android.graphics.Color) | 4294953209 (0xFFFFC8F9) |
| YUV | 222.0310, 13.2957, 28.9138 |
| Hunter-Lab | 83.3115, 23.4526, -12.0346 |

Details

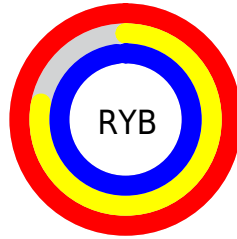
The XYZ color **78.9932, 69.4081, 98.8562** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.7221, 88.2566, 71.7032**, and the grayscale version is **69.3551, 72.9670, 79.4611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1932, 36.4138, 55.2041** is the 20% darker color. If you saturate the color by 10%, you get **73.1422, 58.3952, 94.7820**, and if you desaturate by 10%, it is **85.8384, 82.3988, 103.2954**.

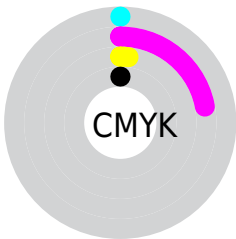
Distribution



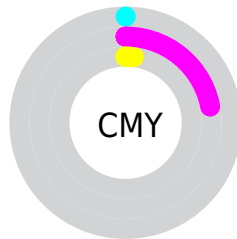
- Red (100%)
- Green (78%)
- Blue (98%)



- 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 78.9932, 69.4081, 98.8562 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 78.9932, 69.4081, 98.8562 by changing the saturation by 10% instead.

78.9932, 69.4081,
98.8562

78.9932, 69.4081,
98.8562

480.3217,
458.4690, 577.7346

59.1958, 51.0441,
74.7341

130.9073,
118.3643, 161.6226

43.0178, 36.2437,
54.8947

163.7547,
149.7253, 201.1040

30.0936, 24.6225,
38.9194

201.6828,
186.1874, 246.5422

20.0581, 15.7960,
26.3896

245.0570,
228.1351, 298.3557

12.5458, 9.3799,
16.8870

294.2426,
275.9527, 356.9632

7.1914, 4.9898,
9.9928


349.6051,


3.6295, 2.2413,


330.0246, 422.7832


5.2887


411.5096,
390.7353, 496.2341


 1.4947, 0.7424,
2.3559


 0.3222, 0.0000,
0.7623


 78.9932, 69.4081,
98.8562

 78.9932, 69.4081,
98.8562

 73.1422, 58.3952,
94.7820


 85.8384, 82.3988,
103.2954

 68.2323, 49.2543,
91.0521

 93.7189, 97.4499,
108.1106

 64.2118, 41.8821,
87.6500

95.0500, 100.0000,
108.9000

 61.0225, 36.1621,
84.5564

■ 58.5991, 31.9639,
81.7492

■ 56.8666, 29.1374,
79.2032

■ 55.7346, 27.5019,
76.8884

■ 55.1306, 26.8162,
75.0769

Harmonies

Analogous

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



73.1150, 69.4081, 117.4956



78.9932, 69.4081, 98.8562



81.3455, 69.4081, 76.4241

Triad

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



78.9932, 69.4081, 98.8562



66.2666, 69.4081, 41.5433



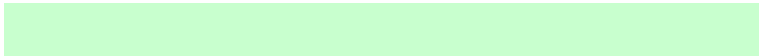
54.2037, 69.4081, 97.1113

Complementary

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



78.9932, 69.4081, 98.8562



70.7221, 88.2566, 71.7032

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.



52.6659, 69.4081, 74.7295



78.9932, 69.4081, 98.8562



59.3069, 69.4081, 45.0384

Square

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



78.9932, 69.4081, 98.8562



73.6651, 69.4081, 45.6411



54.4637, 69.4081, 56.2678



58.8309, 69.4081, 116.3622

Rectangle

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



78.9932, 69.4081, 98.8562



80.4724, 69.4081, 63.1046



54.4637, 69.4081, 56.2678



53.3244, 69.4081, 89.5856

Sweetspot

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



78.9947, 69.4108, 98.8577



90.0943, 90.5167, 105.9282



64.0220, 61.5823, 103.1200



19.1734, 19.1632, 22.6056



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.



78.9947, 69.4108, 98.8577



76.2804, 64.2892, 97.0069



75.0809, 67.8453, 78.2479



18.7023, 18.2642, 22.3153



28.8413, 14.0258, 39.4102



2.8316, 1.3750, 3.9604

Inverse Universe

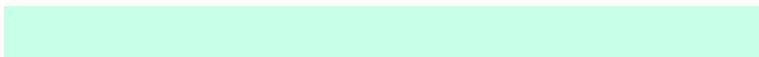
The Inverse Universe completely reimagines the original color for something new.



78.9947, 69.4108, 98.8577



76.2804, 64.2892, 97.0069



74.2892, 89.6835, 90.4877



18.7023, 18.2642, 22.3153



28.8413, 14.0258, 39.4102



2.8316, 1.3750, 3.9604

Previews

White Background



This preview shows how the XYZ color 78.9932, 69.4081, 98.8562 looks on a white background.

Color Contrast Check

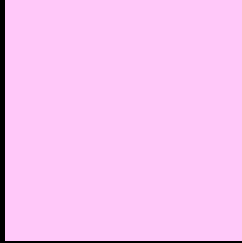
Large Text (above 18pt) WCAG AA × Fail

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 78.9932, 69.4081, 98.8562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

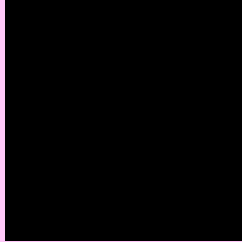
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9932, 69.4081, 98.8562

Background



This preview shows how black text looks on a background with the XYZ color 78.9932, 69.4081, 98.8562.



This preview shows how white text looks on a background with the XYZ color 78.9932, 69.4081,

98.8562.

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

78.9932, 69.4081, 98.8562

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

71.3833, 69.8099, 97.7080



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

78.9932, 69.4081, 98.8562



Protanomaly

72.1402, 69.3538, 102.5129



Deuteranomaly

74.0912, 69.7219, 98.3596



Tritanomaly

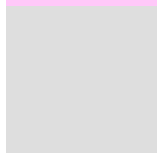
75.9246, 69.1768, 84.9521

Monochromacy



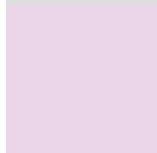
Original Color

78.9932, 69.4081, 98.8562



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.5437, 71.4118, 86.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9932, 69.4081, 98.8562 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, 200, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.9932, 69.4081, 98.8562 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, 200, 249) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9932, 69.4081, 98.8562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 249) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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