

Converting Colors

XYZ(98.9229, 78.5458,
102.9868)

Have a look what the booklet for
XYZ(98.9229, 78.5458, 102.9868)
contains.

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Color

**XYZ(78.9359, 68.2844,
101.9483)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5FD
RGB	255, 197, 253
RGB Percent	100%, 77%, 99%
CMY	0.0000, 0.2274, 0.0078
CMYK	0.00, 0.23, 0.01, 0.00
HSL	302°, 100%, 89%
HSV	302°, 23%, 100%
XYZ	78.9359, 68.2844, 101.9483
YIQ	220.7260, 16.5920, 29.7120

Conversions

Conversions Part 2

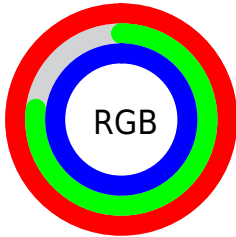
Format	Color
R_{YB}	255, 197, 253
Decimal	16762365
CIE _{Lab}	86.15, 29.69, -19.54
CIE _{LCh}	86, 35.543, 326.644
Yxy	68.2844, 0.3168, 0.2740
Android (android.graphics.Color)	4294952445 (0xFFFFC5FD)
YUV	220.7260, 15.9111, 30.0583
Hunter-Lab	82.6344, 25.9007, -15.3036

Details

The XYZ color **78.9359, 68.2844, 101.9483** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0968, 87.5148, 67.2859**, and the grayscale version is **68.4205, 71.9837, 78.3902**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **43.0750, 35.6362, 56.8327** is the 20% darker color. If you saturate the color by 10%, you get **73.4887, 57.6133, 99.4443**, and if you desaturate by 10%, it is **85.3660, 80.9197, 104.7850**.

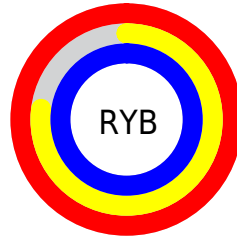
Distribution



Red (100%)

Green (77%)

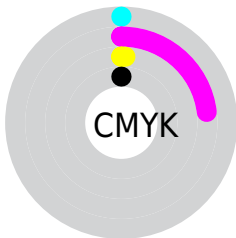
Blue (99%)



Red (100%)

Yellow (77%)

Blue (99%)

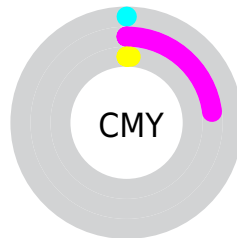


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9359, 68.2844, 101.9483 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 78.9359, 68.2844, 101.9483 by changing the saturation by 10% instead.


 78.9359, 68.2844,
101.9483

 78.9359, 68.2844,
101.9483


480.1308,
454.5030, 587.7211

 59.1486, 50.1291,
77.3027


130.8270,
116.7589, 165.9072

 42.9795, 35.5160,
56.9883

163.6615,
147.8469, 206.0576

 30.0635, 24.0606,
40.5866

201.5758,
184.0147, 252.2133

 20.0351, 15.3786,
27.6789

244.9351,
225.6466, 304.7929

 12.5290, 9.0855,
17.8468

294.1049,
273.1269, 364.2150

 7.1798, 4.7970,
10.6718

349.4506,

 3.6221, 2.1287,

326.8402, 430.8980

5.7352

411.3374,
387.1708, 505.2606

■ 1.4907, 0.6807,
2.6186

■ 0.3195, 0.0000,
0.9020

■ 78.9359, 68.2844,
101.9483

■ 78.9359, 68.2844,
101.9483

■ 73.4887, 57.6133,
99.4443

■ 85.3660, 80.9197,
104.7850

■ 68.9708, 48.8000,
97.2522

■ 92.8204, 95.6029,
107.9654

■ 65.3300, 41.7400,
95.3557

95.0500, 100.0000,
108.9000

■ 62.5075, 36.3154,
93.7352

■ 60.4370, 32.3938,
92.3685

■ 59.0420, 29.8222,
91.2301

■ 58.2298, 28.4153,
90.2891

■ 57.9070, 27.9268,
89.6971

Harmonies

Analogous

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



72.2091, 68.2844, 122.2778



78.9359, 68.2844, 101.9483



81.8914, 68.2844, 77.0162

Triad

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



78.9359, 68.2844, 101.9483



65.8266, 68.2844, 37.8585



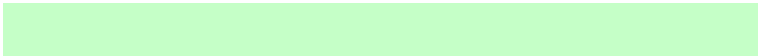
51.8430, 68.2844, 96.4188

Complementary

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



78.9359, 68.2844, 101.9483



69.0968, 87.5148, 67.2859

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.



50.4421, 68.2844, 71.7463



78.9359, 68.2844, 101.9483



58.1058, 68.2844, 40.9372

Square

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



78.9359, 68.2844, 101.9483



73.9336, 68.2844, 42.7329



52.6391, 68.2844, 52.2446



56.6381, 68.2844, 118.6433

Rectangle

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



78.9359, 68.2844, 101.9483



81.1561, 68.2844, 62.1876



52.6391, 68.2844, 52.2446



50.9779, 68.2844, 88.0032

Sweetspot

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



78.9374, 68.2871, 101.9497



89.5187, 89.0957, 106.5684



61.5546, 59.2889, 102.8074



19.0638, 18.8793, 22.7687



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.



78.9374, 68.2871, 101.9497



76.5008, 63.5091, 100.8437



74.6716, 66.5808, 79.4864



18.7640, 18.2889, 22.6405



30.2697, 14.5972, 46.9322



2.9554, 1.4245, 4.6125

Inverse Universe

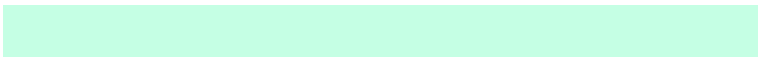
The Inverse Universe completely reimagines the original color for something new.



78.9374, 68.2871, 101.9497



76.5008, 63.5091, 100.8437



72.7822, 88.9890, 86.6928



18.7640, 18.2889, 22.6405



30.2697, 14.5972, 46.9322



2.9554, 1.4245, 4.6125

Previews

White Background



This preview shows how the XYZ color 78.9359, 68.2844, 101.9483 looks on a white background.

Color Contrast Check

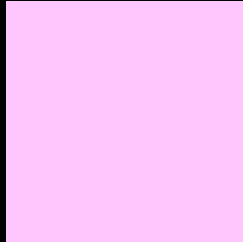
Large Text (above 18pt) WCAG AA × Fail

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 78.9359, 68.2844, 101.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

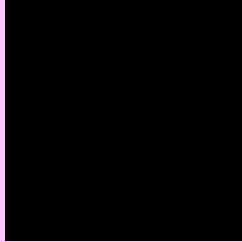
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9359, 68.2844, 101.9483

Background



This preview shows how black text looks on a background with the XYZ color 78.9359, 68.2844, 101.9483.



This preview shows how white text looks on a background with the XYZ color 78.9359, 68.2844,

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

78.9359, 68.2844, 101.9483

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

70.0648, 68.7063, 100.0113



Tritanopia

73.5665, 68.1503, 76.2948

Trichromacy



Original Color

78.9359, 68.2844, 101.9483



Protanomaly

71.1857, 68.1148, 103.1615



Deuteranomaly

73.0882, 68.4313, 100.6232



Tritanomaly

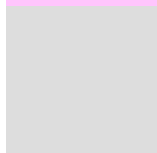
75.4553, 68.2383, 84.7957

Monochromacy



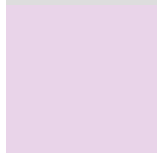
Original Color

78.9359, 68.2844, 101.9483



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.8557, 70.2938, 86.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9359, 68.2844, 101.9483 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 253) }
```

Border

The CSS property to change the border of an element to XYZ 78.9359, 68.2844, 101.9483 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, 253) }
```


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

```
.border{ border-color:rgb(255, 197, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9359, 68.2844, 101.9483 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, 253) }
```

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

```
.background{ background-color: rgb(255,  
197, 253) }
```

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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