

Converting Colors

XYZ(94.5430, 76.3408, 99.1226)

Have a look what the booklet for
XYZ(94.5430, 76.3408, 99.1226)
contains.

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Color

**XYZ(78.3051, 68.0321,
98.6269)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5F9
RGB	255, 197, 249
RGB Percent	100%, 77%, 98%
CMY	0.0000, 0.2274, 0.0235
CMYK	0.00, 0.23, 0.02, 0.00
HSL	306°, 100%, 89%
HSV	306°, 23%, 100%
XYZ	78.3051, 68.0321, 98.6269
YIQ	220.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

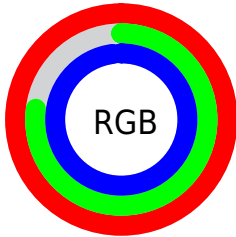
Format	Color
R_{YB}	255, 197, 249
Decimal	16762361
CIE _{Lab}	86.02, 28.98, -17.61
CIE _{LCh}	86, 33.908, 328.709
Yxy	68.0321, 0.3197, 0.2777
Android (android.graphics.Color)	4294952441 (0xFFFFC5F9)
YUV	220.2700, 14.1639, 30.4582
Hunter-Lab	82.4816, 25.1189, -13.1586

Details

The XYZ color **78.3051, 68.0321, 98.6269** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5676, 87.7031, 69.7647**, and the grayscale version is **68.1130, 71.6601, 78.0379**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **42.6256, 35.4565, 54.4663** is the 20% darker color. If you saturate the color by 10%, you get **72.5891, 57.2535, 94.7068**, and if you desaturate by 10%, it is **85.0094, 80.7771, 102.9068**.

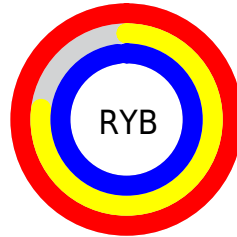
Distribution



Red (100%)

Green (77%)

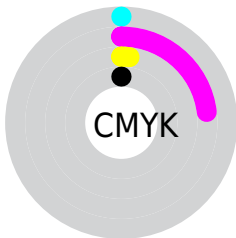
Blue (98%)



Red (100%)

Yellow (77%)

Blue (98%)

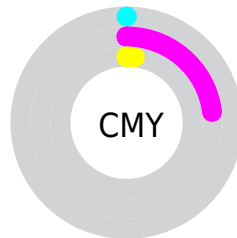


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3051, 68.0321, 98.6269 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 78.3051, 68.0321, 98.6269 by changing the saturation by 10% instead.


 78.3051, 68.0321,
98.6269

 78.3051, 68.0321,
98.6269


478.0263,
453.6097, 576.9904

 58.6283, 49.9239,
74.5438


129.9432,
116.3981, 161.3043

 42.5592, 35.3529,
54.7398

162.6352,
147.4246, 200.7358

 29.7324, 23.9348,
38.7962


200.3964,
183.5259, 246.1204

 19.7826, 15.2853,
26.2946

243.5920,
225.0866, 297.8768

 12.3445, 9.0199,
16.8164

292.5875,
272.4909, 356.4234

 7.0526, 4.7541,
9.9431

347.7481,

 3.5416, 2.1037,

326.1233, 422.1789

5.2562

409.4393,
386.3681, 495.5617

■ 1.4462, 0.6667,
2.3370

■ 0.2888, 0.0000,
0.7518

■ 78.3051, 68.0321,
98.6269

■ 78.3051, 68.0321,
98.6269

■ 72.5891, 57.2535,
94.7068

■ 85.0094, 80.7771,
102.9068

■ 67.8073, 48.3346,
91.1255

■ 92.7430, 95.5720,
107.5574

■ 63.9078, 41.1711,
87.8666

95.0500, 100.0000,
108.9000

■ 60.8316, 35.6451,
84.9103

■ 58.5125, 31.6240,
82.2344

■ 56.8739, 28.9550,
79.8133

■ 55.8231, 27.4526,
77.6159

■ 55.3303, 26.8961,
76.1284

Harmonies

Analogous

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



72.1169, 68.0321, 118.3576



78.3051, 68.0321, 98.6269



80.7988, 68.0321, 75.0450

Triad

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



78.3051, 68.0321, 98.6269



65.0001, 68.0321, 38.9718



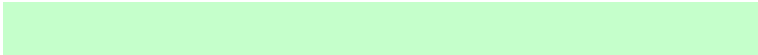
52.4107, 68.0321, 96.6170

Complementary

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



78.3051, 68.0321, 98.6269



69.5676, 87.7031, 69.7647

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.



50.8317, 68.0321, 73.1142



78.3051, 68.0321, 98.6269



57.7403, 68.0321, 42.4978

Square

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



78.3051, 68.0321, 98.6269



72.7466, 68.0321, 43.1679



52.7043, 68.0321, 53.9792



57.2006, 68.0321, 117.0430

Rectangle

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



78.3051, 68.0321, 98.6269



79.8897, 68.0321, 61.1670



52.7043, 68.0321, 53.9792



51.5046, 68.0321, 88.6830

Sweetspot

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



78.3067, 68.0348, 98.6283



89.3217, 89.0169, 105.5311



62.5932, 59.8244, 102.8560



19.0180, 18.8610, 22.5277



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.



78.3067, 68.0348, 98.6283



75.7549, 63.2108, 96.9161



74.1529, 66.3733, 76.7546



18.7069, 18.2661, 22.3398



28.9441, 14.0669, 39.9517



2.8405, 1.3786, 4.0077

Inverse Universe

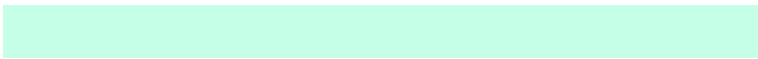
The Inverse Universe completely reimagines the original color for something new.



78.3067, 68.0348, 98.6283



75.7549, 63.2108, 96.9161



73.3249, 89.2061, 89.5507



18.7069, 18.2661, 22.3398



28.9441, 14.0669, 39.9517



2.8405, 1.3786, 4.0077

Previews

White Background



This preview shows how the XYZ color 78.3051, 68.0321, 98.6269 looks on a white background.

Color Contrast Check

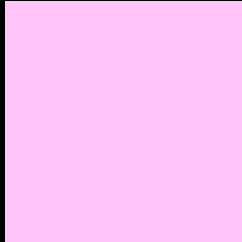
Large Text (above 18pt) WCAG AA × Fail

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 78.3051, 68.0321, 98.6269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

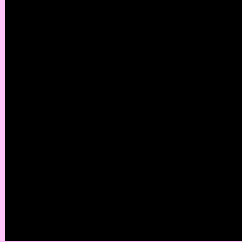
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3051, 68.0321, 98.6269

Background



This preview shows how black text looks on a background with the XYZ color 78.3051, 68.0321, 98.6269.



This preview shows how white text looks on a background with the XYZ color 78.3051, 68.0321,

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

78.3051, 68.0321, 98.6269

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

69.9593, 68.3382, 97.4990



Tritanopia

73.7945, 68.2831, 75.6202

Trichromacy



Original Color

78.3051, 68.0321, 98.6269



Protanomaly

71.0260, 68.0509, 102.3202



Deuteranomaly

72.7063, 67.9324, 98.0872



Tritanomaly

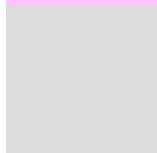
75.1744, 68.1259, 83.3162

Monochromacy



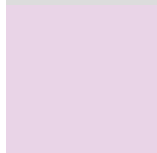
Original Color

78.3051, 68.0321, 98.6269



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

71.5716, 70.1801, 85.3752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3051, 68.0321, 98.6269 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 249) }
```

Border

The CSS property to change the border of an element to XYZ 78.3051, 68.0321, 98.6269 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, 249) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3051, 68.0321, 98.6269 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, 249) }
```

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

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