

Converting Colors

XYZ(81.3198, 69.9531,
120.4506)

Have a look what the booklet for
XYZ(81.3198, 69.9531, 120.4506)
contains.

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Color

**XYZ(77.8978, 68.3908,
103.7028)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC7FF
RGB	250, 199, 255
RGB Percent	98%, 78%, 100%
CMY	0.0196, 0.2196, 0.0000
CMYK	0.02, 0.22, 0.00, 0.00
HSL	295°, 100%, 89%
HSV	295°, 22%, 100%
XYZ	77.8978, 68.3908, 103.7028
YIQ	220.6330, 12.4200, 28.2280

Conversions

Conversions Part 2

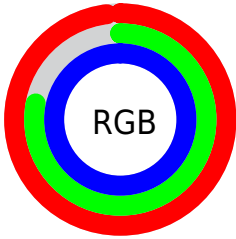
Format	Color
R _Y B	250, 199, 255
Decimal	16435199
CIE Lab	86.20, 27.39, -20.57
CIE LCh	86, 34.252, 323.097
Yxy	68.3908, 0.3116, 0.2736
Android (android.graphics.Color)	4294625279 (0xFFFA7FF)
YUV	220.6330, 16.9429, 25.7549
Hunter-Lab	82.6987, 23.4147, -16.4595

Details

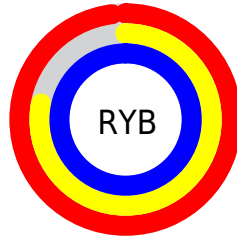
The XYZ color **77.8978, 68.3908, 103.7028** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.9722, 88.4816, 67.3741**, and the grayscale version is **68.3507, 71.9102, 78.3102**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3108, 35.6655, 58.0802** is the 20% darker color. If you saturate the color by 10%, you get **71.7049, 57.2077, 101.8707**, and if you desaturate by 10%, it is **85.0874, 81.5508, 105.8640**.

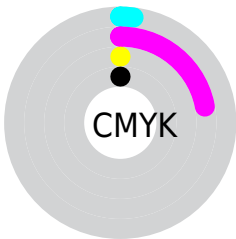
Distribution



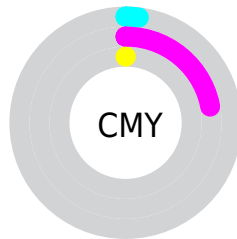
- Red (98%)
- Green (78%)
- Blue (100%)



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



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8978, 68.3908, 103.7028 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 77.8978, 68.3908, 103.7028 by changing the saturation by 10% instead.

77.8978, 68.3908,
103.7028

77.8978, 68.3908,
103.7028

476.6648,
454.8794, 593.3478

58.2925, 50.2157,
78.7624

129.3722,
116.9110, 168.3325

42.2880, 35.5848,
58.1803

161.9720,
148.0250, 208.8590

29.5190, 24.1137,
41.5380

199.6340,
184.2207, 255.4179

19.6200, 15.4180,
28.4168

242.7236,
225.8826, 308.4277

12.2258, 9.1133,
18.3983

291.6061,
273.3950, 368.3071

6.9709, 4.8151,
11.0640

346.6469,

3.4901, 2.1392,

327.1423, 435.4746

5.9952

408.2114,
387.5090, 510.3486

■ 1.4179, 0.6865,
2.7734

■ 0.2689, 0.0000,
0.9801

■ 77.8978, 68.3908,
103.7028

■ 77.8978, 68.3908,
103.7028

■ 71.7049, 57.2077,
101.8707

■ 85.0874, 81.5508,
105.8640

■ 66.4541, 47.8950,
100.3499

■ 93.3135, 96.7701,
108.3681

■ 62.0939, 40.3491,
99.1232

95.0500, 100.0000,
108.9000

■ 58.5659, 34.4531,
98.1711

■ 55.8044, 30.0759,
97.4718

■ 53.7341, 27.0665,
97.0000

■ 52.2636, 25.2425,
96.7254

■ 51.4063, 24.4158,
96.6111

Harmonies

Analogous

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



71.1348, 68.3908, 121.9777



77.8978, 68.3908, 103.7028



81.2480, 68.3908, 79.8080

Triad

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



77.8978, 68.3908, 103.7028



66.8429, 68.3908, 39.1399



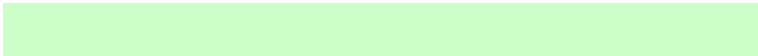
52.0299, 68.3908, 92.8330

Complementary

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



77.8978, 68.3908, 103.7028



70.9722, 88.4816, 67.3741

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.



51.0826, 68.3908, 69.3678



77.8978, 68.3908, 103.7028



59.2348, 68.3908, 41.2384

Square

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



77.8978, 68.3908, 103.7028



74.5397, 68.3908, 44.8591



53.6168, 68.3908, 51.3160



56.3172, 68.3908, 114.8680

Rectangle

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



77.8978, 68.3908, 103.7028



80.9183, 68.3908, 65.0529



53.6168, 68.3908, 51.3160



51.3253, 68.3908, 84.7458

Sweetspot

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



77.8997, 68.3937, 103.7033



89.0339, 88.8343, 107.0619



63.3415, 62.8367, 103.3980



18.9511, 18.8186, 22.8835



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.



77.8997, 68.3937, 103.7033



75.2793, 63.6411, 102.9240



76.3159, 67.9698, 85.8904



18.6234, 18.2131, 22.7839



26.9270, 12.7919, 50.4845



2.6667, 1.2687, 4.9176

Inverse Universe

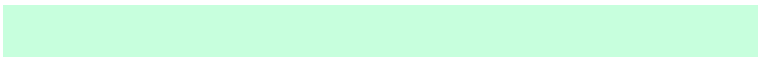
The Inverse Universe completely reimagines the original color for something new.



72.5642, 66.4691, 66.1342



69.1803, 61.4491, 59.6182



72.4196, 88.9048, 82.0321



18.0752, 18.0134, 19.0131



21.6505, 11.1495, 1.5442



2.1293, 1.0941, 0.2624

Previews

White Background



This preview shows how the XYZ color 77.8978, 68.3908, 103.7028 looks on a white background.

Color Contrast Check

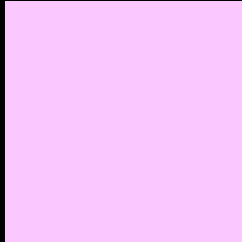
Large Text (above 18pt) WCAG AA × Fail

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 77.8978, 68.3908, 103.7028 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 77.8978, 68.3908, 103.7028

Background



This preview shows how black text looks on a background with the XYZ color 77.8978, 68.3908, 103.7028.



This preview shows how white text looks on a background with the XYZ color 77.8978, 68.3908,

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

77.8978, 68.3908, 103.7028

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

70.2373, 68.7404, 102.4948



Tritanopia

72.5387, 68.2956, 77.7658

Trichromacy



Original Color

77.8978, 68.3908, 103.7028



Protanomaly

71.2819, 68.5089, 104.0743



Deuteranomaly

72.8353, 68.6044, 103.1691



Tritanomaly

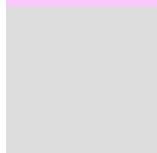
74.4217, 68.3692, 86.3649

Monochromacy



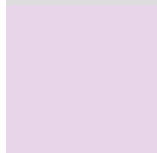
Original Color

77.8978, 68.3908, 103.7028



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.7809, 70.6275, 86.9400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8978, 68.3908, 103.7028 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(250, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 255)  
}
```

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(250, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.8978, 68.3908, 103.7028 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(250, 199, 255) }
```


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

```
.border{ border-color:rgb(250, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8978, 68.3908, 103.7028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 255) }
```

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

```
.background{ background-color: rgb(250,  
199, 255) }
```

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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