

Converting Colors

XYZ(77.9903, 68.2702,
101.1655)

Have a look what the booklet for
XYZ(77.9903, 68.2702, 101.1655)
contains.

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Color

**XYZ(77.9097, 68.1119,
101.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC6FC
RGB	252, 198, 252
RGB Percent	99%, 78%, 99%
CMY	0.0118, 0.2235, 0.0118
CMYK	0.00, 0.21, 0.00, 0.01
HSL	300°, 90%, 88%
HSV	300°, 21%, 99%
XYZ	77.9097, 68.1119, 101.1361
YIQ	220.3020, 14.8500, 28.2420

Conversions

Conversions Part 2

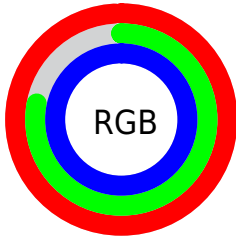
Format	Color
R _Y B	252, 198, 252
Decimal	16566012
CIE Lab	86.06, 28.01, -19.17
CIE LCh	86, 33.945, 325.616
Yxy	68.1119, 0.3152, 0.2756
Android (android.graphics.Color)	4294756092 (0xFFFC6FC)
YUV	220.3020, 15.6271, 27.7991
Hunter-Lab	82.5299, 24.0797, -14.8858

Details

The XYZ color **77.9097, 68.1119, 101.1361** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.2949, 85.7060, 66.3732**, and the grayscale version is **68.1272, 71.6751, 78.0542**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3293, 35.4888, 56.2488** is the 20% darker color. If you saturate the color by 10%, you get **72.6227, 57.5367, 99.3743**, and if you desaturate by 10%, it is **84.1592, 80.6095, 103.2202**.

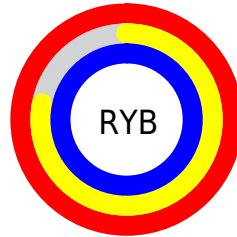
Distribution



Red (99%)

Green (78%)

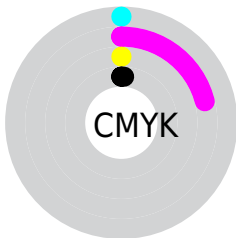
Blue (99%)



Red (99%)

Yellow (78%)

Blue (99%)

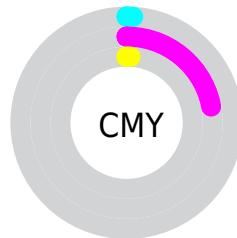


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (22%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9097, 68.1119, 101.1361 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 77.9097, 68.1119, 101.1361 by changing the saturation by 10% instead.

77.9097, 68.1119,
101.1361

77.9097, 68.1119,
101.1361

476.7046,
453.8924, 585.1068

58.3023, 49.9888,
76.6275

129.3889,
116.5122, 164.7830

42.2960, 35.4045,
56.4375

161.9914,
147.5582, 204.7585

29.5252, 23.9746,
40.1474

199.6563,
183.6806, 250.7266

19.6248, 15.3148,
27.3389

242.7490,
225.2637, 303.1060

12.2293, 9.0406,
17.5932

291.6348,
272.6921, 362.3152

6.9733, 4.7677,
10.4919

346.6791,

3.4916, 2.1116,

326.3501, 428.7727

5.6165

408.2473,
386.6220, 502.8970

■ 1.4188, 0.6711,
2.5483

■ 0.2695, 0.0000,
0.8656

■ 77.9097, 68.1119,
101.1361

■ 77.9097, 68.1119,
101.1361

■ 72.6227, 57.5367,
99.3743

■ 84.1592, 80.6095,
103.2202

■ 68.2444, 48.7803,
97.9147

■ 91.4089, 95.1089,
105.6370

■ 64.7257, 41.7428,
96.7416

■ 93.4765, 99.2442,
106.3264

■ 62.0099, 36.3114,
95.8361

■ 93.4766, 99.2442,
106.3267

60.0339, 32.3594,
95.1772

93.4766, 99.2442,
106.3269

58.7249, 29.7415,
94.7407

93.4767, 99.2442,
106.3271

57.9955, 28.2828,
94.4974

93.4767, 99.2443,
106.3273

57.7161, 27.7240,
94.4040

93.4768, 99.2443,
106.3276

93.4768, 99.2443,
106.3278

Harmonies

Analogous

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



71.4356, 68.1119, 119.9836



77.9097, 68.1119, 101.1361



80.8591, 68.1119, 77.4919

Triad

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



77.9097, 68.1119, 101.1361



65.8907, 68.1119, 39.0729



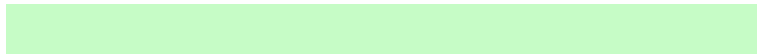
52.1439, 68.1119, 94.3073

Complementary

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



77.9097, 68.1119, 101.1361



68.2949, 85.7060, 66.3732

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.



50.9166, 68.1119, 70.9294



77.9097, 68.1119, 101.1361



58.4733, 68.1119, 41.8038

Square

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



77.9097, 68.1119, 101.1361



73.5755, 68.1119, 44.0829



53.1420, 68.1119, 52.4693



56.6387, 68.1119, 115.5185

Rectangle

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



77.9097, 68.1119, 101.1361



80.2699, 68.1119, 63.1991



53.1420, 68.1119, 52.4693



51.3517, 68.1119, 86.3252

Sweetspot

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



77.9118, 68.1149, 101.1376



90.3618, 90.6237, 107.3371



61.0565, 59.4257, 100.3492



19.2368, 19.1886, 22.9398



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.



77.9118, 68.1149, 101.1376



77.4230, 64.7462, 103.0238



73.9320, 66.5230, 80.1804



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1753



2.7845, 1.3375, 4.5545

Inverse Universe

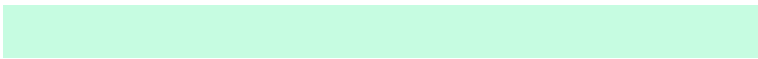
The Inverse Universe completely reimagines the original color for something new.



77.9118, 68.1149, 101.1376



77.4230, 64.7462, 103.0238



71.6923, 87.0649, 84.2634



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1753



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 77.9097, 68.1119, 101.1361 looks on a white background.

Color Contrast Check

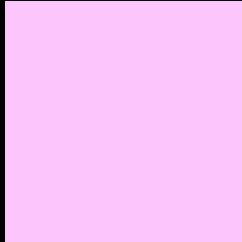
Large Text (above 18pt) WCAG AA × Fail

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 77.9097, 68.1119, 101.1361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

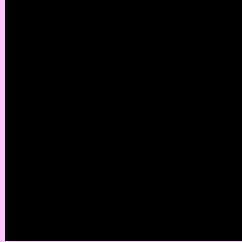
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9097, 68.1119, 101.1361

Background



This preview shows how black text looks on a background with the XYZ color 77.9097, 68.1119, 101.1361.



This preview shows how white text looks on a background with the XYZ color 77.9097, 68.1119,

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

77.9097, 68.1119, 101.1361

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

69.8171, 68.2110, 99.9288



Tritanopia

72.8689, 68.1272, 77.0194

Trichromacy



Original Color

77.9097, 68.1119, 101.1361



Protanomaly

70.8767, 67.9555, 103.1470



Deuteranomaly

72.7626, 68.2635, 100.6079



Tritanomaly

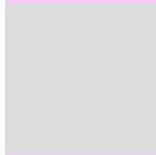
74.7529, 68.2070, 85.5693

Monochromacy



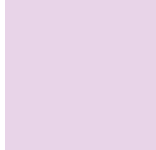
Original Color

77.9097, 68.1119, 101.1361



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

71.3877, 70.0690, 86.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9097, 68.1119, 101.1361 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(252, 198, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 198, 252)  
}
```

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(252, 198, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 198, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.9097, 68.1119, 101.1361 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(252, 198, 252) }
```


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

```
.border{ border-color:rgb(252, 198, 252) }
```

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

Here you see how a box with a 4 pixel rgb(252, 198, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 198, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 198, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 198,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9097, 68.1119, 101.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 198, 252) }
```

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

```
.background{ background-color: rgb(252,  
198, 252) }
```

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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