

Converting Colors

XYZ(79.3930, 69.1987,
102.1007)

Have a look what the booklet for
XYZ(79.3930, 69.1987, 102.1007)
contains.

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Color

**XYZ(79.3930, 69.1987,
102.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7FD
RGB	255, 199, 253
RGB Percent	100%, 78%, 99%
CMY	0.0000, 0.2196, 0.0078
CMYK	0.00, 0.22, 0.01, 0.00
HSL	302°, 100%, 89%
HSV	302°, 22%, 100%
XYZ	79.3930, 69.1987, 102.1007
YIQ	221.9000, 16.0420, 28.6660

Conversions

Conversions Part 2

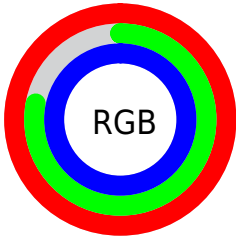
Format	Color
R _Y B	255, 199, 253
Decimal	16762877
CIE _{Lab}	86.60, 28.64, -18.86
CIE _{LCh}	87, 34.288, 326.635
Yxy	69.1987, 0.3167, 0.2760
Android (android.graphics.Color)	4294952957 (0xFFFFC7FD)
YUV	221.9000, 15.3323, 29.0287
Hunter-Lab	83.1858, 24.7864, -14.5414

Details

The XYZ color **79.3930, 69.1987, 102.1007** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8579, 87.8802, 68.5419**, and the grayscale version is **69.2494, 72.8557, 79.3399**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3779, 36.2421, 56.9337** is the 20% darker color. If you saturate the color by 10%, you get **73.8659, 58.3755, 99.5455**, and if you desaturate by 10%, it is **85.9070, 81.9937, 104.9902**.

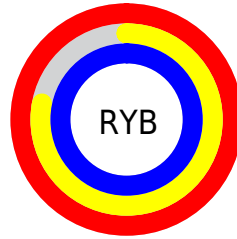
Distribution



Red (100%)

Green (78%)

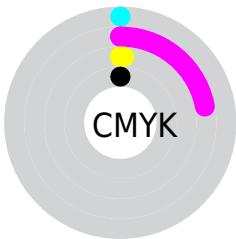
Blue (99%)



Red (100%)

Yellow (78%)

Blue (99%)

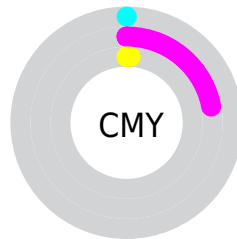


Cyan (0%)

Magenta (22%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3930, 69.1987, 102.1007 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 79.3930, 69.1987, 102.1007 by changing the saturation by 10% instead.


 79.3930, 69.1987,
102.1007

 79.3930, 69.1987,
102.1007


481.6526,
457.7315, 588.2110

 59.5257, 50.8735,
77.4294

131.4670,
118.0653, 166.1180

 43.2845, 36.1080,
57.0917

164.4044,
149.3756, 206.3012

 30.3039, 24.5176,
40.6690


202.4293,
185.7830, 252.4921

 20.2186, 15.7180,
27.7428

245.9070,
227.6720, 305.1092

 12.6632, 9.3248,
17.8945

295.2028,
275.4270, 364.5711

 7.2724, 4.9537,
10.7056

350.6821,

 3.6809, 2.2201,

329.4323, 431.2963

5.7576

412.7102,
390.0723, 505.7035

■ 1.5232, 0.7309,
2.6319

■ 0.3416, 0.0000,
0.9088

■ 79.3930, 69.1987,
102.1007

■ 79.3930, 69.1987,
102.1007

■ 73.8659, 58.3755,
99.5455

■ 85.9070, 81.9937,
104.9902

■ 69.2719, 49.4181,
97.3038

■ 93.4487, 96.8433,
108.2247

■ 65.5596, 42.2227,
95.3593

95.0500, 100.0000,
108.9000

■ 62.6703, 36.6725,
93.6927

■ 60.5387, 32.6364,
92.2820

■ 59.0891, 29.9632,
91.1020

■ 58.2305, 28.4709,
90.1224

■ 57.8588, 27.9075,
89.4433

Harmonies

Analogous

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



72.8705, 69.1987, 121.6854



79.3930, 69.1987, 102.1007



82.2552, 69.1987, 77.9466

Triad

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



79.3930, 69.1987, 102.1007



66.6733, 69.1987, 39.5260



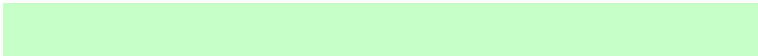
53.0226, 69.1987, 96.7429

Complementary

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



79.3930, 69.1987, 102.1007



69.8579, 87.8802, 68.5419

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.



51.6513, 69.1987, 72.8032



79.3930, 69.1987, 102.1007



59.1488, 69.1987, 42.5763

Square

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



79.3930, 69.1987, 102.1007



74.5485, 69.1987, 44.3583



53.8042, 69.1987, 53.7276



57.7116, 69.1987, 118.1797

Rectangle

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



79.3930, 69.1987, 102.1007



81.5447, 69.1987, 63.4865



53.8042, 69.1987, 53.7276



52.1756, 69.1987, 88.5967

Sweetspot

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



79.3946, 69.2014, 102.1022



89.5152, 89.0943, 106.5498



62.5278, 60.4693, 102.9839



19.0630, 18.8790, 22.7644



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.



79.3946, 69.2014, 102.1022



77.0444, 64.5948, 101.0299



75.2740, 67.5532, 80.4035



18.7630, 18.2885, 22.6351



30.2449, 14.5873, 46.8017



2.9533, 1.4237, 4.6013

Inverse Universe

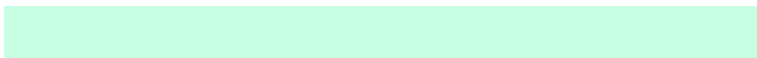
The Inverse Universe completely reimagines the original color for something new.



79.3946, 69.2014, 102.1022



77.0444, 64.5948, 101.0299



73.4394, 89.3128, 87.4016



18.7630, 18.2885, 22.6351



30.2449, 14.5873, 46.8017



2.9533, 1.4237, 4.6013

Previews

White Background



This preview shows how the XYZ color 79.3930, 69.1987, 102.1007 looks on a white background.

Color Contrast Check

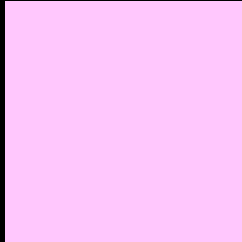
Large Text (above 18pt) WCAG AA × Fail

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 79.3930, 69.1987, 102.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

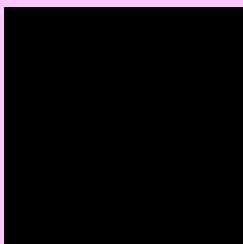
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3930, 69.1987, 102.1007

Background



This preview shows how black text looks on a background with the XYZ color 79.3930, 69.1987, 102.1007.



This preview shows how white text looks on a background with the XYZ color 79.3930, 69.1987,

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

79.3930, 69.1987, 102.1007

Protanopia

68.6449, 69.3762, 104.3807

Deuteranopia

71.0803, 69.5816, 100.9510



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

79.3930, 69.1987, 102.1007



Protanomaly

72.0539, 68.9254, 103.2722



Deuteranomaly

73.8152, 69.1463, 101.5516



Tritanomaly

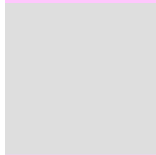
76.2088, 69.2905, 86.4486

Monochromacy



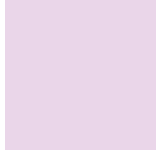
Original Color

79.3930, 69.1987, 102.1007



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.6862, 71.4688, 87.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3930, 69.1987, 102.1007 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, 199, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 253) }
```

Border

The CSS property to change the border of an element to XYZ 79.3930, 69.1987, 102.1007 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, 199, 253) }
```


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

```
.border{ border-color:rgb(255, 199, 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, 199, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3930, 69.1987, 102.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 253) }
```

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

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