

Converting Colors

XYZ(75.9980, 69.8277,
104.0803)

Have a look what the booklet for
XYZ(75.9980, 69.8277, 104.0803)
contains.

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Color

**XYZ(76.0565, 69.8879,
104.0888)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0CEFF |
| RGB | 240, 206, 255 |
| RGB Percent | 94%, 81%, 100% |
| CMY | 0.0588, 0.1921, 0.0000 |
| CMYK | 0.06, 0.19, 0.00, 0.00 |
| HSL | 282°, 100%, 90% |
| HSV | 282°, 19%, 100% |
| XYZ | 76.0565, 69.8879, 104.0888 |
| YIQ | 221.7520, 4.5350, 22.4470 |

Conversions

Conversions Part 2

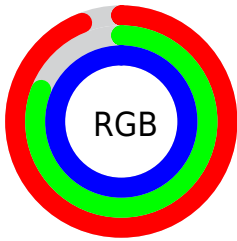
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 240, 206, 255 |
| Decimal | 15781631 |
| CIE _{Lab} | 86.94, 20.48, -19.53 |
| CIE _{LCh} | 87, 28.304, 316.357 |
| Yxy | 69.8879, 0.3042, 0.2795 |
| Android (android.graphics.Color) | 4293971711 (0xFFFF0CEFF) |
| YUV | 221.7520, 16.3913, 16.0035 |
| Hunter-Lab | 83.5990, 16.0971, -15.3025 |

Details

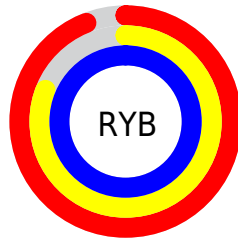
The XYZ color **76.0565, 69.8879, 104.0888** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.7211, 91.3492, 71.9845**, and the grayscale version is **69.1438, 72.7447, 79.2190**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1884, 36.7240, 58.3437** is the 20% darker color. If you saturate the color by 10%, you get **67.8159, 57.2556, 102.0849**, and if you desaturate by 10%, it is **85.4109, 84.5765, 106.4310**.

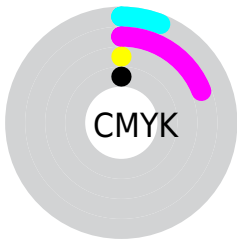
Distribution



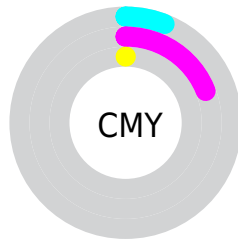
- Red (94%)
- Green (81%)
- Blue (100%)



- Red (94%)
- Yellow (81%)
- Blue (100%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0565, 69.8879, 104.0888 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 76.0565, 69.8879, 104.0888 by changing the saturation by 10% instead.

76.0565, 69.8879,
104.0888

76.0565, 69.8879,
104.0888

470.4825,
460.1563, 594.5820

56.7761, 51.4352,
79.0838

126.7867,
119.0489, 168.8656

41.0649, 36.5550,
58.4430

158.9672,
150.5259, 209.4744

28.5577, 24.8632,
41.7478

196.1784,
187.1131, 256.1216

18.8891, 15.9751,
28.5798

238.7856,
229.1950, 309.2257

11.6937, 9.5066,
18.5203

287.1543,
277.1558, 369.2053

6.6062, 5.0730,
11.1509

341.6498,

3.2612, 2.2902,

331.3801, 436.4788

6.0530

402.6374,
392.2521, 511.4649

■ 1.2933, 0.7685,
2.8080

■ 0.1782, 0.0000,
0.9975

■ 76.0565, 69.8879,
104.0888

■ 76.0565, 69.8879,
104.0888

■ 67.8159, 57.2556,
102.0849

■ 85.4109, 84.5765,
106.4310

■ 60.6338, 46.5742,
100.4017

95.0500, 100.0000,
108.9000

■ 54.4588, 37.7420,
99.0224

■ 49.2326, 30.6447,
97.9279

■ 44.8904, 25.1545,
97.0971

■ 41.3581, 21.1260,
96.5057

■ 38.5483, 18.3864,
96.1250

■ 36.3298, 16.6759,
95.9117

■ 36.1679, 16.5601,
95.8979

Harmonies

Analogous

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



70.0710, 69.8879, 116.6462



76.0565, 69.8879, 104.0888



79.5611, 69.8879, 85.0102

Triad

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



76.0565, 69.8879, 104.0888



69.4700, 69.8879, 45.9170



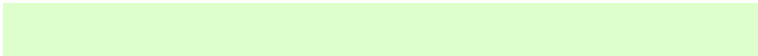
54.9604, 69.8879, 86.8160

Complementary

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



76.0565, 69.8879, 104.0888



76.7211, 91.3492, 71.9845

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.



54.8231, 69.8879, 67.8279



76.0565, 69.8879, 104.0888



62.9103, 69.8879, 46.2364

Square

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



76.0565, 69.8879, 104.0888



75.5915, 69.8879, 52.6742



57.6455, 69.8879, 53.6341



58.0337, 69.8879, 105.5985

Rectangle

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



76.0565, 69.8879, 104.0888



79.8779, 69.8879, 72.1358



57.6455, 69.8879, 53.6341



54.5767, 69.8879, 80.1986

Sweetspot

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



76.0584, 69.8908, 104.0893



88.6597, 89.7462, 107.2576



69.4991, 72.3307, 104.9060



18.8334, 18.9806, 22.9209



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.



76.0584, 69.8908, 104.0893



72.8095, 64.8704, 103.2915



79.9499, 72.0601, 96.8982



18.2198, 18.0050, 22.7650



19.0579, 8.7352, 50.1162



1.9671, 0.9080, 4.8849

Inverse Universe

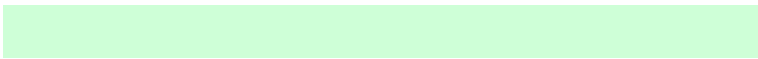
The Inverse Universe completely reimagines the original color for something new.



76.3642, 70.6258, 78.0163



73.2354, 65.7685, 72.6565



73.4792, 89.5482, 77.6935



18.2383, 18.0786, 19.8720



22.3264, 11.4199, 5.1035



2.2201, 1.1304, 0.7406

Previews

White Background



This preview shows how the XYZ color 76.0565, 69.8879, 104.0888 looks on a white background.

Color Contrast Check

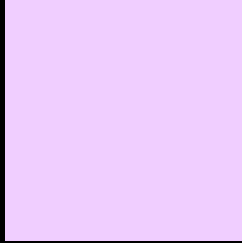
Large Text (above 18pt) WCAG AA × Fail

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 76.0565, 69.8879, 104.0888 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 76.0565, 69.8879, 104.0888

Background



This preview shows how black text looks on a background with the XYZ color 76.0565, 69.8879, 104.0888.

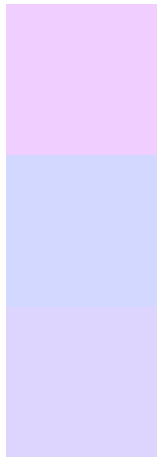


This preview shows how white text looks on a background with the XYZ color 76.0565, 69.8879,

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

76.0565, 69.8879, 104.0888

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.8078, 70.2739, 103.5455



Tritanopia

71.7515, 69.9674, 82.3964

Trichromacy



Original Color

76.0565, 69.8879, 104.0888

Protanomaly

71.4123, 69.6791, 104.2933

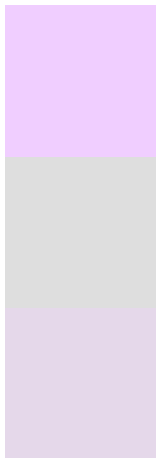
Deuteranomaly

73.2491, 69.9070, 103.3987

Tritanomaly

73.0116, 69.7199, 89.7299

Monochromacy



Original Color

76.0565, 69.8879, 104.0888

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.7202, 71.7103, 87.9033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0565, 69.8879, 104.0888 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(240, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 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(240, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0565, 69.8879, 104.0888 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(240, 206, 255) }
```


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

```
.border{ border-color:rgb(240, 206, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0565, 69.8879, 104.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 255) }
```

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

```
.background{ background-color: rgb(240,  
206, 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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