

Converting Colors

XYZ(78.0579, 71.8781,
100.6676)

Have a look what the booklet for
XYZ(78.0579, 71.8781, 100.6676)
contains.

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Color

**XYZ(77.9745, 71.6696,
100.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D0FB
RGB	246, 208, 251
RGB Percent	96%, 82%, 98%
CMY	0.0353, 0.1843, 0.0157
CMYK	0.02, 0.17, 0.00, 0.02
HSL	293°, 84%, 90%
HSV	293°, 17%, 98%
XYZ	77.9745, 71.6696, 100.9907
YIQ	224.2640, 8.8450, 21.4290

Conversions

Conversions Part 2

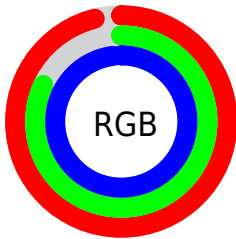
Format	Color
R _Y B	246, 208, 251
Decimal	16175355
CIE Lab	87.81, 20.61, -16.06
CIE LCh	88, 26.134, 322.070
Yxy	71.6696, 0.3111, 0.2860
Android (android.graphics.Color)	4294365435 (0xFFF6D0FB)
YUV	224.2640, 13.1808, 19.0625
Hunter-Lab	84.6579, 16.2568, -11.4681

Details

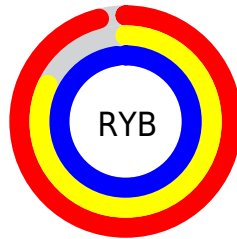
The XYZ color **77.9745, 71.6696, 100.9907** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3254, 87.6964, 72.7405**, and the grayscale version is **70.9464, 74.6411, 81.2842**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1151, 37.4963, 56.0567** is the 20% darker color. If you saturate the color by 10%, you get **71.3176, 59.8625, 99.0636**, and if you desaturate by 10%, it is **85.6202, 85.4279, 103.2444**.

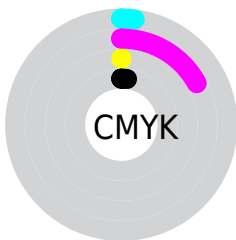
Distribution



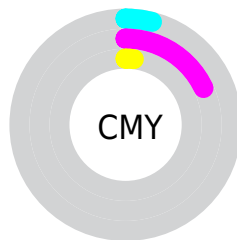
- Red (96%)
- Green (82%)
- Blue (98%)



- Red (96%)
- Yellow (82%)
- Blue (98%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9745, 71.6696, 100.9907 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 77.9745, 71.6696, 100.9907 by changing the saturation by 10% instead.

77.9745, 71.6696,
100.9907

77.9745, 71.6696,
100.9907

476.9214,
466.3908, 584.6381

58.3557, 52.8888,
76.5067

129.4797,
121.5867, 164.5817

42.3391, 37.7140,
56.3389

162.0969,
153.4918, 204.5258

29.5592, 25.7608,
40.0689

199.7776,
190.5404, 250.4603

19.6506, 16.6448,
27.2781

242.8872,
233.1170, 302.8037

12.2481, 9.9816,
17.5479

291.7910,
281.6059, 361.9747

6.9863, 5.3867,
10.4598

346.8544,

3.4998, 2.4759,

336.3916, 428.3917

5.5953

408.4427,
397.8584, 502.4733

■ 1.4232, 0.8645,
2.5358

■ 0.2727, 0.0000,
0.8591

■ 77.9745, 71.6696,
100.9907

■ 77.9745, 71.6696,
100.9907

■ 71.3176, 59.8625,
99.0636

■ 85.6202, 85.4279,
103.2444

■ 65.5975, 49.9065,
97.4434

■ 93.2594, 99.1505,
105.4905

■ 60.7672, 41.7064,
96.1152

■ 94.3237, 99.6992,
105.5403

■ 56.7730, 35.1550,
95.0612

■ 94.4128, 99.7451,
105.5445

■ 53.5554, 30.1331,
94.2614

■ 51.0466, 26.5058,
93.6935

■ 49.1673, 24.1142,
93.3309

■ 47.8155, 22.7544,
93.1397

■ 47.4804, 22.4655,
93.1016

Harmonies

Analogous

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



72.7035, 71.6696, 114.1940



77.9745, 71.6696, 100.9907



80.6383, 71.6696, 82.8479

Triad

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



77.9745, 71.6696, 100.9907



69.7799, 71.6696, 48.8402



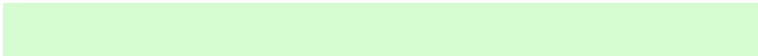
57.6466, 71.6696, 91.5971

Complementary

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



77.9745, 71.6696, 100.9907



73.3254, 87.6964, 72.7405

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.



56.9689, 71.6696, 73.4142



77.9745, 71.6696, 100.9907



63.7329, 71.6696, 50.4510

Square

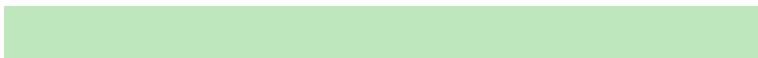
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9745, 71.6696, 100.9907



75.7233, 71.6696, 54.0600



59.1325, 71.6696, 58.8532



61.0432, 71.6696, 108.2224

Rectangle

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



77.9745, 71.6696, 100.9907



80.4709, 71.6696, 71.1044



59.1325, 71.6696, 58.8532



57.1019, 71.6696, 85.4041

Sweetspot

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



77.9767, 71.6727, 100.9923



90.5733, 91.8531, 107.5634



67.2265, 67.9752, 100.8452



19.2564, 19.4244, 22.9843



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.



77.9767, 71.6727, 100.9923



78.0278, 69.3015, 103.8718



77.2674, 71.5943, 87.9805



17.7827, 17.4161, 21.8097



25.0381, 11.8503, 48.9412



2.3735, 1.1257, 4.5354

Inverse Universe

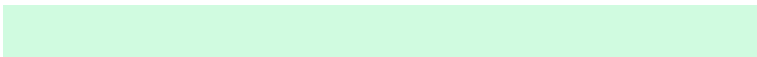
The Inverse Universe completely reimagines the original color for something new.



74.3522, 70.4282, 72.6293



73.5771, 67.7816, 68.6714



74.0323, 87.8142, 83.9159



17.3267, 17.2580, 18.3100



21.0562, 10.8382, 1.7383



1.9758, 1.0141, 0.2959

Previews

White Background



This preview shows how the XYZ color 77.9745, 71.6696, 100.9907 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 77.9745, 71.6696, 100.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

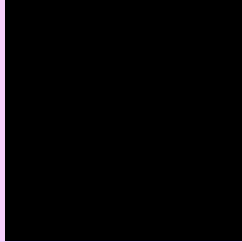
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9745, 71.6696, 100.9907

Background



This preview shows how black text looks on a background with the XYZ color 77.9745, 71.6696, 100.9907.



This preview shows how white text looks on a background with the XYZ color 77.9745, 71.6696,

100.9907.

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

77.9745, 71.6696, 100.9907

Protanopia

70.8221, 72.0292, 104.7780

Deuteranopia

73.5507, 71.9970, 100.4628



Tritanopia

74.5092, 71.7431, 83.3195

Trichromacy



Original Color

77.9745, 71.6696, 100.9907

Protanomaly

73.2412, 71.7642, 103.7576

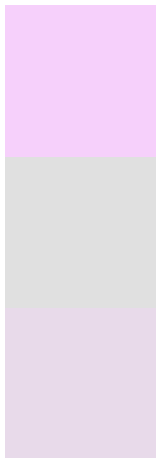
Deuteranomaly

75.0598, 71.6513, 100.3165

Tritanomaly

75.7428, 71.8778, 89.2386

Monochromacy



Original Color

77.9745, 71.6696, 100.9907

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.2014, 73.2391, 88.1203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9745, 71.6696, 100.9907 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(246, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 251)  
}
```

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(246, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 251) }
```

Border

The CSS property to change the border of an element to XYZ 77.9745, 71.6696, 100.9907 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(246, 208, 251) }
```


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

```
.border{ border-color:rgb(246, 208, 251) }
```

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

Here you see how a box with a 4 pixel rgb(246, 208, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9745, 71.6696, 100.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 251) }
```

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

```
.background{ background-color: rgb(246,  
208, 251) }
```

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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