

Converting Colors

XYZ(77.5497, 71.5594,
100.7558)

Have a look what the booklet for
XYZ(77.5497, 71.5594, 100.7558)
contains.

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Color

**XYZ(77.6247, 71.4893,
100.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D0FB
RGB	245, 208, 251
RGB Percent	96%, 82%, 98%
CMY	0.0392, 0.1843, 0.0157
CMYK	0.02, 0.17, 0.00, 0.02
HSL	292°, 84%, 90%
HSV	292°, 17%, 98%
XYZ	77.6247, 71.4893, 100.9743
YIQ	223.9650, 8.2490, 21.2170

Conversions

Conversions Part 2

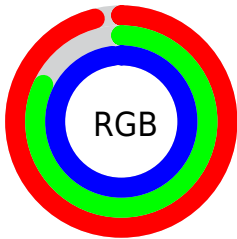
Format	Color
R _Y B	245, 208, 251
Decimal	16109819
CIE Lab	87.72, 20.29, -16.20
CIE LCh	88, 25.965, 321.385
Yxy	71.4893, 0.3104, 0.2859
Android (android.graphics.Color)	4294299899 (0xFFF5D0FB)
YUV	223.9650, 13.3283, 18.4477
Hunter-Lab	84.5513, 15.9120, -11.6203

Details

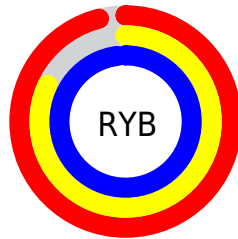
The XYZ color **77.6247, 71.4893, 100.9743** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.6164, 87.8464, 72.7541**, and the grayscale version is **70.7321, 74.4157, 81.0387**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8679, 37.3689, 56.0452** is the 20% darker color. If you saturate the color by 10%, you get **70.7732, 59.5819, 99.0381**, and if you desaturate by 10%, it is **85.4720, 85.3515, 103.2374**.

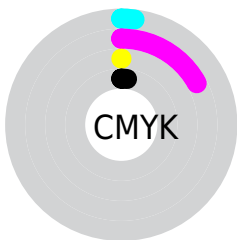
Distribution



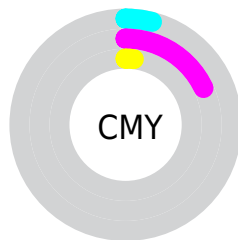
- Red (96%)
- Green (82%)
- Blue (98%)



- 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 77.6247, 71.4893, 100.9743 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 77.6247, 71.4893, 100.9743 by changing the saturation by 10% instead.

77.6247, 71.4893,
100.9743

77.6247, 71.4893,
100.9743

475.7507,
465.7621, 584.5852

58.0674, 52.7416,
76.4931

128.9891,
121.3302, 164.5590

42.1063, 37.5965,
56.3278

161.5270,
153.1921, 204.4995

29.3760, 25.6697,
40.0601

199.1224,
190.1943, 250.4302

19.5112, 16.5767,
27.2712

242.1408,
232.7211, 302.7696

12.1464, 9.9332,
17.5428

290.9474,
281.1568, 361.9363

6.9164, 5.3547,
10.4562

345.9077,

3.4557, 2.4568,

335.8860, 428.3487

5.5929

407.3870,
397.2930, 502.4255

■ 1.3991, 0.8549,
2.5344

■ 0.2556, 0.0000,
0.8583

■ 77.6247, 71.4893,
100.9743

■ 77.6247, 71.4893,
100.9743

■ 70.7732, 59.5819,
99.0381

■ 85.4720, 85.3515,
103.2374

■ 64.8654, 49.5291,
97.4091

■ 93.3200, 99.1818,
105.4933

■ 59.8544, 41.2359,
96.0725

■ 94.4128, 99.7451,
105.5445

■ 55.6864, 34.5948,
95.0103

■ 52.3017, 29.4869,
94.2027

■ 49.6328, 25.7769,
93.6273

■ 47.6000, 23.3062,
93.2576

■ 46.1013, 21.8707,
93.0595

■ 45.7252, 21.5607,
93.0195

Harmonies

Analogous

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



72.3572, 71.4893, 113.8707



77.6247, 71.4893, 100.9743



80.3384, 71.4893, 83.0297

Triad

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



77.6247, 71.4893, 100.9743



69.7372, 71.4893, 48.8994



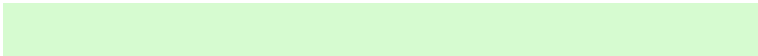
57.5103, 71.4893, 90.8686

Complementary

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



77.6247, 71.4893, 100.9743



73.6164, 87.8464, 72.7541

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.



56.9027, 71.4893, 72.8706



77.6247, 71.4893, 100.9743



63.7225, 71.4893, 50.3450

Square

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



77.6247, 71.4893, 100.9743



75.6077, 71.4893, 54.2397



59.1117, 71.4893, 58.5396



60.8247, 71.4893, 107.4505

Rectangle

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



77.6247, 71.4893, 100.9743



80.2273, 71.4893, 71.3368



59.1117, 71.4893, 58.5396



56.9910, 71.4893, 84.7262

Sweetspot

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



77.6269, 71.4924, 100.9758



90.4651, 91.7973, 107.5584



67.5886, 68.6995, 100.9659



19.2300, 19.4108, 22.9831



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.



77.6269, 71.4924, 100.9758



77.5859, 69.0737, 103.8511



77.4748, 71.6773, 89.0726



17.7409, 17.3946, 21.8077



24.1283, 11.3813, 48.8987



2.2981, 1.0868, 4.5318

Inverse Universe

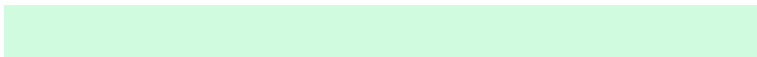
The Inverse Universe completely reimagines the original color for something new.



74.4796, 70.4792, 73.3000



73.7307, 67.8430, 69.4800



73.8381, 87.7365, 82.8934



17.3432, 17.2646, 18.3972



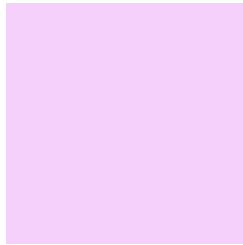
21.1021, 10.8566, 1.9801



1.9836, 1.0172, 0.3370

Previews

White Background



This preview shows how the XYZ color 77.6247, 71.4893, 100.9743 looks on a white background.

Color Contrast Check

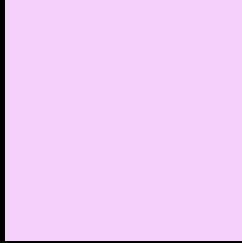
Large Text (above 18pt) WCAG AA × Fail

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 77.6247, 71.4893, 100.9743 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 77.6247, 71.4893, 100.9743

Background



This preview shows how black text looks on a background with the XYZ color 77.6247, 71.4893, 100.9743.



This preview shows how white text looks on a background with the XYZ color 77.6247, 71.4893,

100.9743.

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

77.6247, 71.4893, 100.9743

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

73.2968, 71.4892, 100.3781



Tritanopia

74.3043, 71.6214, 84.0368

Trichromacy



Original Color

77.6247, 71.4893, 100.9743

Protanomaly

72.9873, 71.2564, 103.6730

Deuteranomaly

74.7305, 71.4815, 100.3011

Tritanomaly

75.5425, 71.7576, 89.9899

Monochromacy



Original Color

77.6247, 71.4893, 100.9743

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 77.6247, 71.4893, 100.9743 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(245, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 208, 251) }
```

Border

The CSS property to change the border of an element to XYZ 77.6247, 71.4893, 100.9743 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(245, 208, 251) }
```


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

```
.border{ border-color:rgb(245, 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(245, 208, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(245, 208,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6247, 71.4893, 100.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 208, 251) }
```

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

```
.background{ background-color: rgb(245,  
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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