

Converting Colors

XYZ(76.4687, 71.1170,
100.4788)

Have a look what the booklet for
XYZ(76.4687, 71.1170, 100.4788)
contains.

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Color

**XYZ(76.6737, 71.3803,
100.1791)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D1FA
RGB	242, 209, 250
RGB Percent	95%, 82%, 98%
CMY	0.0510, 0.1804, 0.0196
CMYK	0.03, 0.16, 0.00, 0.02
HSL	288°, 80%, 90%
HSV	288°, 16%, 98%
XYZ	76.6737, 71.3803, 100.1791
YIQ	223.5410, 6.5070, 19.7470

Conversions

Conversions Part 2

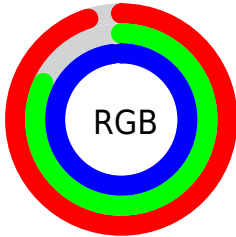
Format	Color
R _Y B	242, 209, 250
Decimal	15913466
CIE _{Lab}	87.67, 18.60, -15.78
CIE _{LCh}	88, 24.392, 319.684
Yxy	71.3803, 0.3089, 0.2876
Android (android.graphics.Color)	4294103546 (0xFFFF2D1FA)
YUV	223.5410, 13.0443, 16.1885
Hunter-Lab	84.4869, 14.1407, -11.1615

Details

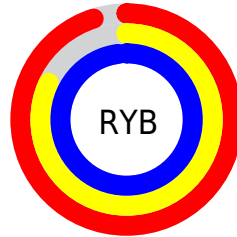
The XYZ color **76.6737, 71.3803, 100.1791** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.3121, 87.7282, 73.3417**, and the grayscale version is **70.4327, 74.1007, 80.6956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4309, 37.4006, 55.4875** is the 20% darker color. If you saturate the color by 10%, you get **69.3634, 59.2112, 98.2166**, and if you desaturate by 10%, it is **84.9954, 85.5034, 102.4676**.

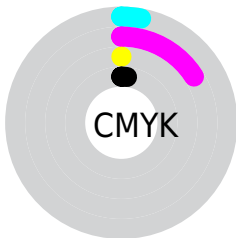
Distribution



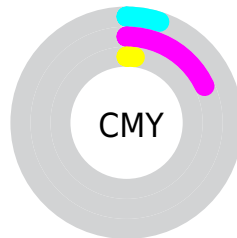
- Red (95%)
- Green (82%)
- Blue (98%)



- Red (95%)
- Yellow (82%)
- Blue (98%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6737, 71.3803, 100.1791 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 76.6737, 71.3803, 100.1791 by changing the saturation by 10% instead.

76.6737, 71.3803,
100.1791

76.6737, 71.3803,
100.1791

472.5598,
465.3818, 582.0183

57.2841, 52.6526,
75.8324

127.6541,
121.1751, 163.4573

41.4744, 37.5255,
55.7893

159.9755,
153.0109, 203.2259

28.8793, 25.6146,
39.6311

197.3383,
189.9850, 248.9722

19.1333, 16.5356,
26.9395

240.1078,
232.4816, 301.1148

11.8712, 9.9039,
17.2957

288.6494,
280.8852, 360.0721

6.7276, 5.3353,
10.2814

343.3283,

3.3372, 2.4453,

335.5802, 426.2628

5.4779

404.5100,
396.9509, 500.1053

■ 1.3345, 0.8491,
2.4667

■ 0.2088, 0.0000,
0.8224

■ 76.6737, 71.3803,
100.1791

■ 76.6737, 71.3803,
100.1791

■ 69.3634, 59.2112,
98.2166

■ 84.9954, 85.5034,
102.4676

■ 63.0129, 48.8971,
96.5605

■ 93.0729, 99.0726,
104.6610

■ 57.5756, 40.3444,
95.1962

■ 94.2555, 99.6822,
104.7163

■ 52.9987, 33.4474,
94.1062

■ 49.2231, 28.0890,
93.2709

■ 46.1825, 24.1367,
92.6683

■ 43.7989, 21.4352,
92.2725

■ 41.9750, 19.7907,
92.0512

■ 41.4015, 19.3499,
91.9963

Harmonies

Analogous

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



71.6563, 71.3803, 111.6949



76.6737, 71.3803, 100.1791



79.3730, 71.3803, 83.5595

Triad

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



76.6737, 71.3803, 100.1791



69.8539, 71.3803, 50.4314



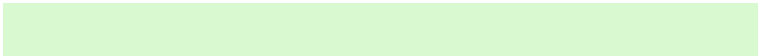
57.9123, 71.3803, 88.9388

Complementary

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



76.6737, 71.3803, 100.1791



74.3121, 87.7282, 73.3417

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.



57.4907, 71.3803, 72.1611



76.6737, 71.3803, 100.1791



64.1710, 71.3803, 51.4462

Square

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



76.6737, 71.3803, 100.1791



75.2900, 71.3803, 55.8965



59.7211, 71.3803, 58.8983



60.9074, 71.3803, 104.5945

Rectangle

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



76.6737, 71.3803, 100.1791



79.3966, 71.3803, 72.4906



59.7211, 71.3803, 58.8983



57.4717, 71.3803, 83.1971

Sweetspot

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



76.6759, 71.3834, 100.1807



90.2072, 91.6644, 107.5463



68.4172, 70.1896, 100.3855



19.1671, 19.3784, 22.9801



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.



76.6759, 71.3834, 100.1807



77.3159, 69.8269, 104.0107



77.6156, 72.0834, 90.4827



17.6417, 17.3434, 21.8031



22.0789, 10.3248, 48.8027



2.1268, 0.9985, 4.5238

Inverse Universe

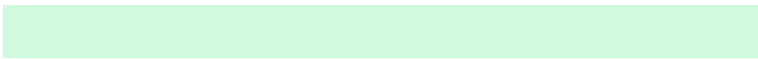
The Inverse Universe completely reimagines the original color for something new.



74.7517, 70.9379, 75.4017



74.9643, 69.2983, 73.0109



73.5738, 87.1648, 81.5661



17.3830, 17.2806, 18.6067



21.2431, 10.9129, 2.7224



2.0028, 1.0249, 0.4382

Previews

White Background



This preview shows how the XYZ color 76.6737, 71.3803, 100.1791 looks on a white background.

Color Contrast Check

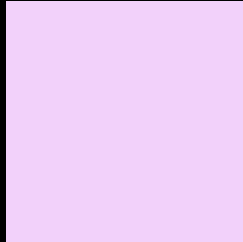
Large Text (above 18pt) WCAG AA × Fail

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 76.6737, 71.3803, 100.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

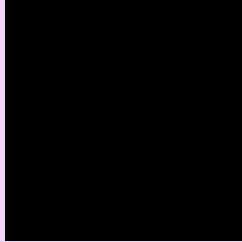
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6737, 71.3803, 100.1791

Background



This preview shows how black text looks on a background with the XYZ color 76.6737, 71.3803, 100.1791.

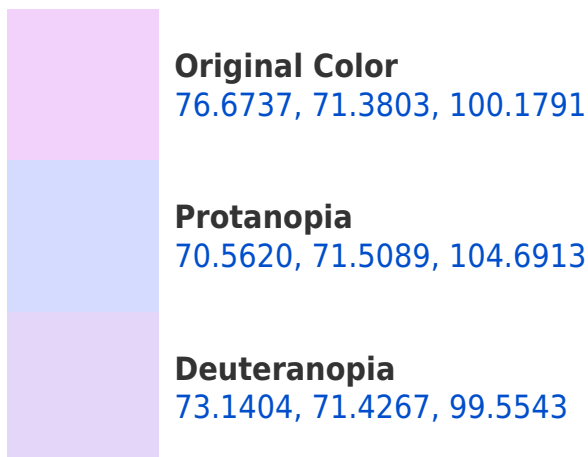


This preview shows how white text looks on a background with the XYZ color 76.6737, 71.3803,

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





Tritanopia

73.5337, 71.5964, 84.0726

Trichromacy



Original Color

76.6737, 71.3803, 100.1791

Protanomaly

72.7705, 71.5400, 102.9017

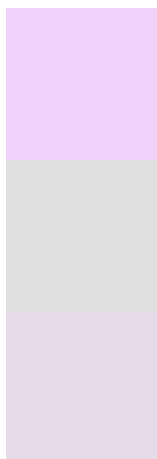
Deuteranomaly

74.2466, 71.2502, 99.4620

Tritanomaly

74.7647, 71.7267, 90.0249

Monochromacy



Original Color

76.6737, 71.3803, 100.1791

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.9945, 73.5352, 87.4373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6737, 71.3803, 100.1791 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(242, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(242, 209, 250)  
}
```

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(242, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 209, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.6737, 71.3803, 100.1791 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(242, 209, 250) }
```


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

```
.border{ border-color:rgb(242, 209, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 209,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6737, 71.3803, 100.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 209, 250) }
```

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

```
.background{ background-color: rgb(242,  
209, 250) }
```

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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