

Converting Colors

XYZ(76.1402, 67.4884,
103.6308)

Have a look what the booklet for
XYZ(76.1402, 67.4884, 103.6308)
contains.

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Color

**XYZ(76.1296, 67.4793,
103.6201)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C7FF
RGB	245, 199, 255
RGB Percent	96%, 78%, 100%
CMY	0.0392, 0.2196, 0.0000
CMYK	0.04, 0.22, 0.00, 0.00
HSL	289°, 100%, 89%
HSV	289°, 22%, 100%
XYZ	76.1296, 67.4793, 103.6201
YIQ	219.1380, 9.4400, 27.1680

Conversions

Conversions Part 2

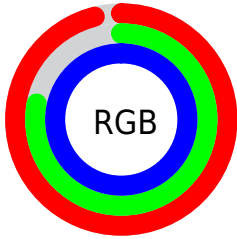
Format	Color
R _Y B	245, 199, 255
Decimal	16107519
CIE Lab	85.75, 25.79, -21.30
CIE LCh	86, 33.448, 320.443
Yxy	67.4793, 0.3079, 0.2729
Android (android.graphics.Color)	4294297599 (0xFFFF5C7FF)
YUV	219.1380, 17.6800, 22.6810
Hunter-Lab	82.1458, 21.6719, -17.2874

Details

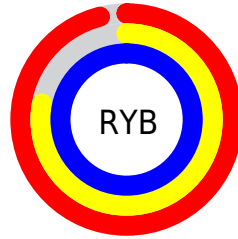
The XYZ color **76.1296, 67.4793, 103.6201** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3649, 89.1996, 67.4393**, and the grayscale version is **67.3060, 70.8111, 77.1133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0575, 35.0194, 58.0215** is the 20% darker color. If you saturate the color by 10%, you get **69.1784, 55.9052, 101.7524**, and if you desaturate by 10%, it is **84.1067, 81.0452, 105.8181**.

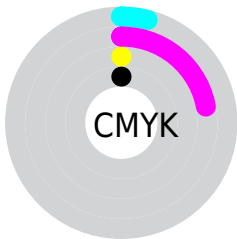
Distribution



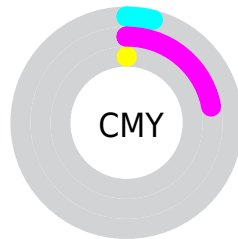
- Red (96%)
- Green (78%)
- Blue (100%)



- Red (96%)
- Yellow (78%)
- Blue (100%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1296, 67.4793, 103.6201 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 76.1296, 67.4793, 103.6201 by changing the saturation by 10% instead.

76.1296, 67.4793,
103.6201

76.1296, 67.4793,
103.6201

470.7288,
451.6489, 593.0833

56.8362, 49.4742,
78.6936

126.8895,
115.6069, 168.2183

41.1134, 34.9958,
58.1241

159.0867,
146.4983, 208.7271

28.5958, 23.6597,
41.4931

196.3158,
182.4539, 255.2670

18.9180, 15.0813,
28.3819

238.9423,
223.8581, 308.2567

11.7147, 8.8765,
18.3722

287.3315,
271.0953, 368.1146

6.6205, 4.6607,
11.0454

341.8488,

3.2701, 2.0496,

324.5499, 435.2593

5.9828

402.8594,
384.6063, 510.1093

■ 1.2982, 0.6361,
2.7660

■ 0.1819, 0.0000,
0.9764

■ 76.1296, 67.4793,
103.6201

■ 76.1296, 67.4793,
103.6201

■ 69.1784, 55.9052,
101.7524

■ 84.1067, 81.0452,
105.8181

■ 63.1981, 46.2165,
100.1975

■ 93.1499, 96.6858,
108.3604

■ 58.1374, 38.3094,
98.9380

95.0500, 100.0000,
108.9000

■ 53.9373, 32.0670,
97.9545

■ 50.5321, 27.3579,
97.2250

■ 47.8459, 24.0310,
96.7244

■ 45.7874, 21.9039,
96.4223

■ 44.4772, 20.8437,
96.2868

Harmonies

Analogous

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



69.4004, 67.4793, 120.3091



76.1296, 67.4793, 103.6201



79.7239, 67.4793, 80.6744

Triad

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



76.1296, 67.4793, 103.6201



66.6044, 67.4793, 39.3332



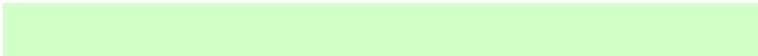
51.3457, 67.4793, 89.1521

Complementary

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



76.1296, 67.4793, 103.6201



72.3649, 89.1996, 67.4393

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.



50.7270, 67.4793, 66.7143



76.1296, 67.4793, 103.6201



59.1468, 67.4793, 40.7096

Square

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



76.1296, 67.4793, 103.6201



73.9439, 67.4793, 45.6005



53.4751, 67.4793, 49.8269



55.2380, 67.4793, 110.8734

Rectangle

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



76.1296, 67.4793, 103.6201



79.6783, 67.4793, 66.1158



53.4751, 67.4793, 49.8269



50.7607, 67.4793, 81.3577

Sweetspot

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



76.1315, 67.4821, 103.6205



88.4547, 88.5358, 107.0348



64.4716, 65.0969, 103.7747



18.8166, 18.7492, 22.8772



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.



76.1315, 67.4821, 103.6205



73.2011, 62.5697, 102.8268



76.9900, 68.2394, 89.4402



18.4558, 18.1267, 22.7760



23.3559, 10.9509, 50.3173



2.3535, 1.1072, 4.9029

Inverse Universe

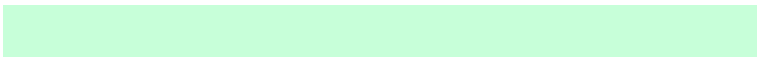
The Inverse Universe completely reimagines the original color for something new.



73.1737, 66.7129, 69.3441



69.8615, 61.7216, 63.2053



71.8048, 88.6589, 78.7948



18.1418, 18.0400, 19.3637



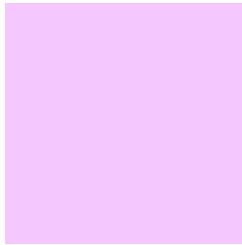
21.8397, 11.2252, 2.5402



2.1608, 1.1067, 0.4281

Previews

White Background



This preview shows how the XYZ color 76.1296, 67.4793, 103.6201 looks on a white background.

Color Contrast Check

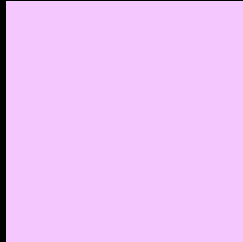
Large Text (above 18pt) WCAG AA × Fail

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 76.1296, 67.4793, 103.6201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

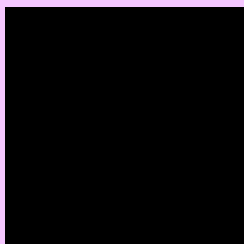
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1296, 67.4793, 103.6201

Background



This preview shows how black text looks on a background with the XYZ color 76.1296, 67.4793, 103.6201.

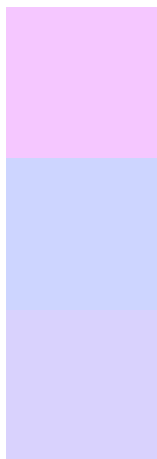


This preview shows how white text looks on a background with the XYZ color 76.1296, 67.4793,

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

76.1296, 67.4793, 103.6201

Protanopia

67.0211, 67.7876, 104.1597

Deuteranopia

69.3915, 67.9367, 102.3843



Tritanopia

70.8176, 67.4084, 77.6852

Trichromacy



Original Color

76.1296, 67.4793, 103.6201



Protanomaly

70.1211, 67.5474, 103.9499



Deuteranomaly

71.6393, 67.6293, 103.0439



Tritanomaly

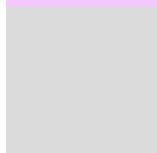
72.6819, 67.4723, 86.2835

Monochromacy



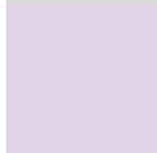
Original Color

76.1296, 67.4793, 103.6201



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.1039, 69.4071, 86.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1296, 67.4793, 103.6201 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 199, 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(245, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.1296, 67.4793, 103.6201 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, 199, 255) }
```


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

```
.border{ border-color:rgb(245, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1296, 67.4793, 103.6201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 199, 255) }
```

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

```
.background{ background-color: rgb(245,  
199, 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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