

Converting Colors

XYZ(76.7396, 71.1756, 94.4877)

Have a look what the booklet for
XYZ(76.7396, 71.1756, 94.4877)
contains.

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Color

**XYZ(76.7396, 71.1756,
94.4877)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D0F3
RGB	246, 208, 243
RGB Percent	96%, 82%, 95%
CMY	0.0353, 0.1843, 0.0471
CMYK	0.00, 0.15, 0.01, 0.04
HSL	305°, 68%, 89%
HSV	305°, 15%, 96%
XYZ	76.7396, 71.1756, 94.4877
YIQ	223.3520, 11.4130, 18.9410

Conversions

Conversions Part 2

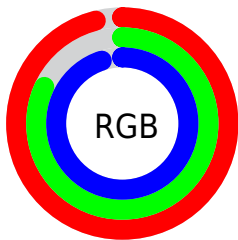
Format	Color
R _Y B	246, 208, 243
Decimal	16175347
CIE Lab	87.57, 19.16, -12.20
CIE LCh	88, 22.712, 327.519
Yxy	71.1756, 0.3166, 0.2936
Android (android.graphics.Color)	4294365427 (0xFFFF6D0F3)
YUV	223.3520, 9.6865, 19.8623
Hunter-Lab	84.3656, 14.7251, -7.3476

Details

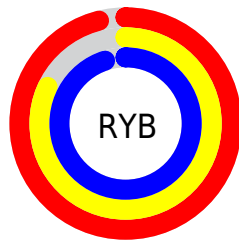
The XYZ color **76.7396, 71.1756, 94.4877** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.7288, 84.0267, 74.1228**, and the grayscale version is **70.3188, 73.9809, 80.5652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3471, 37.1891, 52.0127** is the 20% darker color. If you saturate the color by 10%, you get **70.9098, 59.9819, 91.1055**, and if you desaturate by 10%, it is **83.5069, 84.2371, 98.1994**.

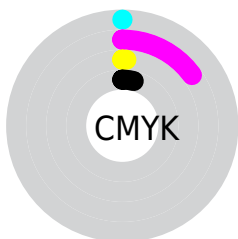
Distribution



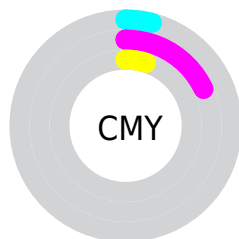
- Red (96%)
- Green (82%)
- Blue (95%)



- Red (96%)
- Yellow (82%)
- Blue (95%)



- Cyan (0%)
- Magenta (15%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7396, 71.1756, 94.4877 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 76.7396, 71.1756, 94.4877 by changing the saturation by 10% instead.

76.7396, 71.1756,
94.4877

76.7396, 71.1756,
94.4877

472.7813,
464.6671, 563.4660

57.3384, 52.4855,
71.1141

127.7466,
120.8837, 155.5461

41.5182, 37.3922,
51.9529

160.0831,
152.6706, 194.0681

28.9136, 25.5113,
36.5856

197.4621,
189.5917, 238.4766

19.1595, 16.4584,
24.5935

240.2489,
232.0317, 289.1901

11.8902, 9.8491,
15.5582

288.8088,
280.3748, 346.6273

6.7406, 5.2990,
9.0611

343.5073,

3.3453, 2.4238,

335.0055, 411.2067

4.6837

404.7097,
396.3081, 483.3467

■ 1.3389, 0.8381,
2.0074

■ 0.2120, 0.0000,
0.5598

■ 76.7396, 71.1756,
94.4877

■ 76.7396, 71.1756,
94.4877

■ 70.9098, 59.9819,
91.1055

■ 83.5069, 84.2371,
98.1994

■ 65.9685, 50.5613,
88.0338

■ 90.5376, 97.8215,
102.0134

■ 61.8716, 42.8246,
85.2589

■ 90.8389, 97.9420,
103.5997

■ 58.5688, 36.6714,
82.7639

■ 91.1432, 98.0638,
105.2025

■ 56.0048, 31.9906,
80.5302

■ 91.4507, 98.1868,
106.8218

■ 54.1165, 28.6565,
78.5368

■ 91.7614, 98.3110,
108.4578

■ 52.8309, 26.5228,
76.7594

■ 91.8166, 98.3331,
108.7487

■ 52.0575, 25.4087,
75.1677

■ 51.8133, 25.1158,
74.4838

Harmonies

Analogous

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



72.5341, 71.1756, 106.7928



76.7396, 71.1756, 94.4877



78.4992, 71.1756, 78.7852

Triad

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



76.7396, 71.1756, 94.4877



68.0982, 71.1756, 51.5499



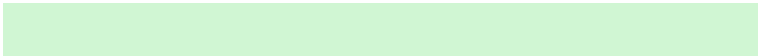
58.9001, 71.1756, 91.9799

Complementary

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



76.7396, 71.1756, 94.4877



70.7288, 84.0267, 74.1228

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.



57.8500, 71.1756, 76.2251



76.7396, 71.1756, 94.4877



62.9908, 71.1756, 54.1198

Square

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



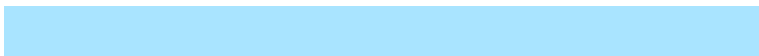
76.7396, 71.1756, 94.4877



73.3481, 71.1756, 55.1336



59.3086, 71.1756, 62.6779



62.2555, 71.1756, 105.2156

Rectangle

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



76.7396, 71.1756, 94.4877



77.9821, 71.1756, 68.9330



59.3086, 71.1756, 62.6779



58.2738, 71.1756, 86.7449

Sweetspot

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



76.7417, 71.1787, 94.4892



90.9549, 92.0685, 106.7374



65.9240, 65.5492, 96.3678



19.3495, 19.4770, 22.7827



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.



76.7417, 71.1787, 94.4892



80.8840, 72.6439, 101.1694



74.0823, 70.1149, 80.4850



17.1539, 16.7444, 20.5567



27.6799, 13.4154, 39.8843



2.4492, 1.1857, 3.5921

Inverse Universe

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



76.7417, 71.1787, 94.4892



80.8840, 72.6439, 101.1694



73.1882, 85.0104, 87.0735



17.1539, 16.7444, 20.5567



27.6799, 13.4154, 39.8843



2.4492, 1.1857, 3.5921

Previews

White Background



This preview shows how the XYZ color 76.7396, 71.1756, 94.4877 looks on a white background.

Color Contrast Check

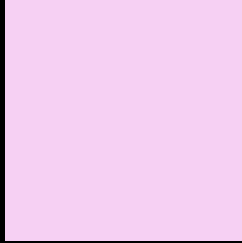
Large Text (above 18pt) WCAG AA × Fail

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 76.7396, 71.1756, 94.4877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

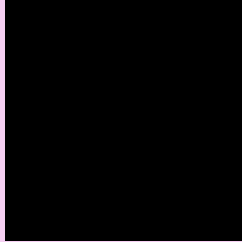
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7396, 71.1756, 94.4877

Background



This preview shows how black text looks on a background with the XYZ color 76.7396, 71.1756, 94.4877.



This preview shows how white text looks on a background with the XYZ color 76.7396, 71.1756,

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

76.7396, 71.1756, 94.4877

Protanopia

70.1946, 71.4294, 99.7101

Deuteranopia

73.0286, 71.4929, 93.9549



Tritanopia

74.4676, 71.3677, 82.5235

Trichromacy



Original Color

76.7396, 71.1756, 94.4877

Protanomaly

72.1991, 70.9773, 97.8904

Deuteranomaly

74.1626, 71.3306, 93.8638

Tritanomaly

75.4108, 71.3889, 86.8956

Monochromacy



Original Color

76.7396, 71.1756, 94.4877

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.3093, 72.8449, 85.1123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7396, 71.1756, 94.4877 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 243) }
```

Border

The CSS property to change the border of an element to XYZ 76.7396, 71.1756, 94.4877 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, 243) }
```


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

```
.border{ border-color:rgb(246, 208, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7396, 71.1756, 94.4877 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, 243) }
```

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

```
.background{ background-color: rgb(246,  
208, 243) }
```

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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