

Converting Colors

XYZ(76.4677, 70.7681, 95.9888)

Have a look what the booklet for
XYZ(76.4677, 70.7681, 95.9888)
contains.

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Color

**XYZ(76.4504, 70.6307,
95.9899)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CFF5
RGB	245, 207, 245
RGB Percent	96%, 81%, 96%
CMY	0.0392, 0.1882, 0.0392
CMYK	0.00, 0.16, 0.00, 0.04
HSL	300°, 66%, 89%
HSV	300°, 16%, 96%
XYZ	76.4504, 70.6307, 95.9899
YIQ	222.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

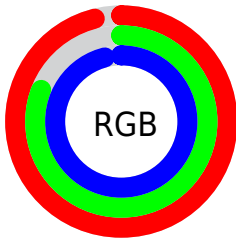
Format	Color
R _Y B	245, 207, 245
Decimal	16109557
CIE Lab	87.31, 19.72, -13.66
CIE LCh	87, 23.985, 325.285
Yxy	70.6307, 0.3145, 0.2906
Android (android.graphics.Color)	4294299637 (0xFFFF5CFF5)
YUV	222.6940, 10.9969, 19.5624
Hunter-Lab	84.0421, 15.3021, -8.8895

Details

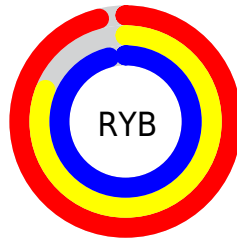
The XYZ color **76.4504, 70.6307, 95.9899** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.6497, 83.0772, 71.3998**, and the grayscale version is **69.8432, 73.4805, 80.0203**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3156, 37.1480, 53.1368** is the 20% darker color. If you saturate the color by 10%, you get **70.9700, 59.6687, 94.1638**, and if you desaturate by 10%, it is **82.8560, 83.4408, 98.1260**.

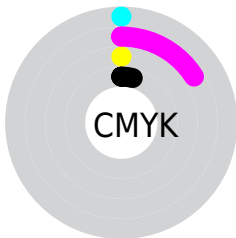
Distribution



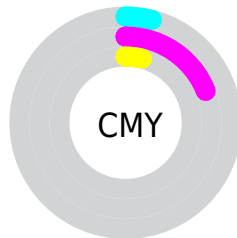
- Red (96%)
- Green (81%)
- Blue (96%)



- Red (96%)
- Yellow (81%)
- Blue (96%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4504, 70.6307, 95.9899 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 76.4504, 70.6307, 95.9899 by changing the saturation by 10% instead.


 76.4504, 70.6307,
95.9899

 76.4504, 70.6307,
95.9899


471.8088,
462.7614, 568.3943

 57.1003, 52.0409,
72.3577


127.3403,
120.1077, 157.6388

 41.3262, 37.0377,
52.9623


159.6108,
151.7637, 196.4926

 28.7628, 25.2366,
37.3852


196.9189,
188.5439, 241.2574

 19.0449, 16.2535,
25.2077

239.6297,
230.8327, 292.3516

 11.8069, 9.7037,
16.0115

288.1088,
279.0144, 350.1939

 6.6836, 5.2029,
9.3778

342.7214,

 3.3096, 2.3668,

333.4735, 415.2027

4.8883

403.8330,
394.5944, 487.7967

■ 1.3195, 0.8087,
2.1243

■ 0.1978, 0.0000,
0.6302

■ 76.4504, 70.6307,
95.9899

■ 76.4504, 70.6307,
95.9899

■ 70.9700, 59.6687,
94.1638

■ 82.8560, 83.4408,
98.1260

■ 66.3661, 50.4609,
92.6291

■ 89.8984, 97.5254,
100.4735

■ 62.5951, 42.9191,
91.3721

■ 89.8984, 97.5254,
100.4736

■ 59.6074, 36.9437,
90.3761

■ 89.8984, 97.5254,
100.4737

57.3479, 32.4247,
89.6228

89.8984, 97.5254,
100.4738

55.7543, 29.2376,
89.0915

89.8984, 97.5254,
100.4739

54.7542, 27.2373,
88.7581

89.8984, 97.5254,
100.4740

54.2579, 26.2448,
88.5926

89.8985, 97.5254,
100.4741

54.1382, 26.0053,
88.5526

89.8985, 97.5254,
100.4741

Harmonies

Analogous

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



71.8734, 70.6307, 108.5566



76.4504, 70.6307, 95.9899



78.5349, 70.6307, 79.4869

Triad

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



76.4504, 70.6307, 95.9899



68.0280, 70.6307, 49.9107



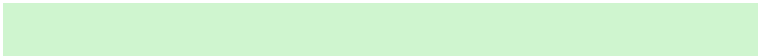
57.7933, 70.6307, 90.9532

Complementary

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



76.4504, 70.6307, 95.9899



69.6497, 83.0772, 71.3998

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.



56.8907, 70.6307, 74.3793



76.4504, 70.6307, 95.9899



62.6045, 70.6307, 52.0942

Square

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



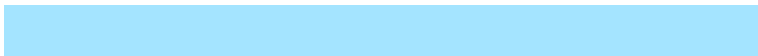
76.4504, 70.6307, 95.9899



73.5019, 70.6307, 54.0888



58.6040, 70.6307, 60.5336



61.1419, 70.6307, 105.3748

Rectangle

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



76.4504, 70.6307, 95.9899



78.1502, 70.6307, 69.0015



58.6040, 70.6307, 60.5336



57.2021, 70.6307, 85.3897

Sweetspot

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



76.4525, 70.6338, 95.9914



91.1166, 92.1332, 107.5888



64.5295, 64.4872, 95.4336



19.3889, 19.4928, 22.9905



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.



76.4525, 70.6338, 95.9914



81.4939, 72.8879, 104.3811



73.6988, 69.5323, 81.4908



17.2137, 16.7683, 20.8719



29.1650, 14.0094, 47.7045



2.5633, 1.2313, 4.1928

Inverse Universe

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



76.4525, 70.6338, 95.9914



81.4939, 72.8879, 104.3811



72.1145, 84.0631, 84.3790



17.2137, 16.7683, 20.8719



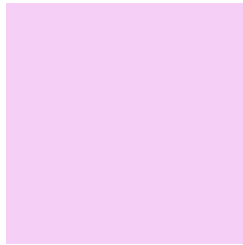
29.1650, 14.0094, 47.7045



2.5633, 1.2313, 4.1928

Previews

White Background



This preview shows how the XYZ color 76.4504, 70.6307, 95.9899 looks on a white background.

Color Contrast Check

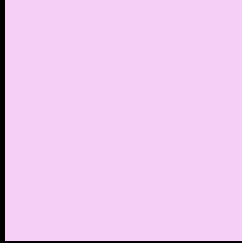
Large Text (above 18pt) WCAG AA × Fail

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 76.4504, 70.6307, 95.9899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

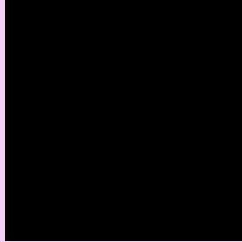
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4504, 70.6307, 95.9899

Background



This preview shows how black text looks on a background with the XYZ color 76.4504, 70.6307, 95.9899.



This preview shows how white text looks on a background with the XYZ color 76.4504, 70.6307,

95.9899.

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

76.4504, 70.6307, 95.9899

Protanopia

69.8241, 70.8001, 102.0811

Deuteranopia

72.4365, 70.7782, 95.4317



Tritanopia

73.5297, 70.5165, 82.4087

Trichromacy



Original Color

76.4504, 70.6307, 95.9899

Protanomaly

71.9445, 70.4356, 99.4261

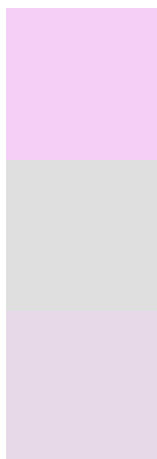
Deuteranomaly

73.8843, 70.7824, 95.3562

Tritanomaly

74.6139, 70.5961, 87.5357

Monochromacy



Original Color

76.4504, 70.6307, 95.9899

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.1917, 72.3842, 85.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4504, 70.6307, 95.9899 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, 207, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 245)  
}
```

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, 207, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.4504, 70.6307, 95.9899 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, 207, 245) }
```


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

```
.border{ border-color:rgb(245, 207, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 207, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4504, 70.6307, 95.9899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 245) }
```

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

```
.background{ background-color: rgb(245,  
207, 245) }
```

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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