

Converting Colors

XYZ(76.1406, 69.6748, 95.0649)

Have a look what the booklet for
XYZ(76.1406, 69.6748, 95.0649)
contains.

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Color

**XYZ(76.1665, 69.7871,
95.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CDF4
RGB	246, 205, 244
RGB Percent	96%, 80%, 96%
CMY	0.0353, 0.1961, 0.0431
CMYK	0.00, 0.17, 0.01, 0.04
HSL	303°, 69%, 88%
HSV	303°, 17%, 96%
XYZ	76.1665, 69.7871, 95.0438
YIQ	221.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

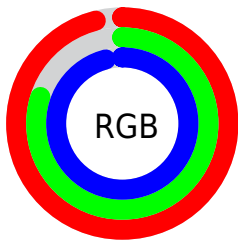
Format	Color
R _Y B	246, 205, 244
Decimal	16174580
CIE Lab	86.89, 20.92, -13.74
CIE LCh	87, 25.028, 326.704
Yxy	69.7871, 0.3160, 0.2896
Android (android.graphics.Color)	4294364660 (0xFFFF6CDF4)
YUV	221.7050, 10.9914, 21.3067
Hunter-Lab	83.5387, 16.5549, -8.9785

Details

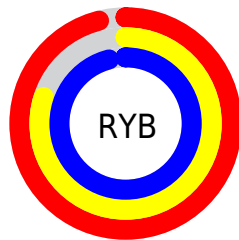
The XYZ color **76.1665, 69.7871, 95.0438** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.3978, 83.3977, 71.4750**, and the grayscale version is **69.1439, 72.7448, 79.2191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1300, 36.5829, 52.4704** is the 20% darker color. If you saturate the color by 10%, you get **70.5574, 58.8586, 92.2786**, and if you desaturate by 10%, it is **82.7060, 82.5724, 98.1267**.

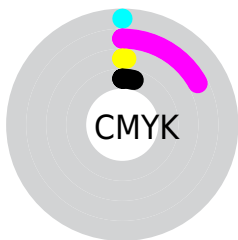
Distribution



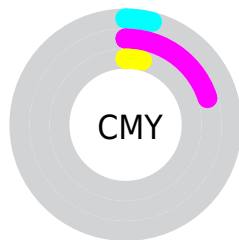
- Red (96%)
- Green (80%)
- Blue (96%)



- Red (96%)
- Yellow (80%)
- Blue (96%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1665, 69.7871, 95.0438 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 76.1665, 69.7871, 95.0438 by changing the saturation by 10% instead.


 76.1665, 69.7871,
95.0438

 76.1665, 69.7871,
95.0438


470.8531,
459.8021, 565.2931

 56.8666, 51.3530,
71.5743


126.9413,
118.9051, 156.3212

 41.1379, 36.4896,
52.3263


159.1470,
150.3578, 194.9663

 28.6150, 24.8126,
36.8812

196.3852,
186.9187, 239.5069

 18.9326, 15.9375,
24.8205

239.0214,
228.9724, 290.3617

 11.7253, 9.4799,
15.7255

287.4210,
276.9032, 347.9492

 6.6278, 5.0555,
9.1779

341.9492,

 3.2747, 2.2799,

331.0955, 412.6879

4.7590

402.9714,
391.9337, 484.9963

■ 1.3006, 0.7630,
2.0503

■ 0.1837, 0.0000,
0.5860

■ 76.1665, 69.7871,
95.0438

■ 76.1665, 69.7871,
95.0438

■ 70.5574, 58.8586,
92.2786

■ 82.7060, 82.5724,
98.1267

■ 65.8295, 49.6916,
89.8121

■ 90.2101, 97.2860,
101.5361

■ 61.9382, 42.1959,
87.6303

■ 90.6482, 97.8658,
102.5961

■ 58.8328, 36.2701,
85.7163

■ 90.8347, 97.9404,
103.5781

56.4568, 31.8014,
84.0513

91.0224, 98.0154,
104.5664

54.7466, 28.6622,
82.6140

91.2113, 98.0910,
105.5610

53.6272, 26.7029,
81.3794

91.4014, 98.1670,
106.5620

53.0043, 25.7347,
80.3161

91.5926, 98.2435,
107.5692

52.8576, 25.5335,
79.9832

91.7851, 98.3205,
108.5829

Harmonies

Analogous

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



71.5061, 69.7871, 108.4897



76.1665, 69.7871, 95.0438



78.1850, 69.7871, 77.8501

Triad

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



76.1665, 69.7871, 95.0438



66.9782, 69.7871, 48.1887



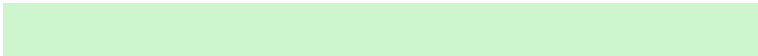
56.7960, 69.7871, 91.3746

Complementary

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



76.1665, 69.7871, 95.0438



69.3978, 83.3977, 71.4750

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.



55.7393, 69.7871, 74.1524



76.1665, 69.7871, 95.0438



61.4110, 69.7871, 50.7248

Square

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



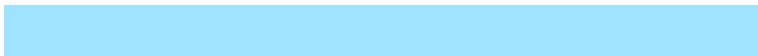
76.1665, 69.7871, 95.0438



72.6881, 69.7871, 52.1501



57.3801, 69.7871, 59.6634



60.3550, 69.7871, 106.1624

Rectangle

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



76.1665, 69.7871, 95.0438



77.6781, 69.7871, 67.1120



57.3801, 69.7871, 59.6634



56.1457, 69.7871, 85.6103

Sweetspot

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



76.1686, 69.7901, 95.0453



91.0166, 92.0932, 107.0622



64.0245, 63.4943, 96.0713



19.3645, 19.4830, 22.8620



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.



76.1686, 69.7901, 95.0453



80.4847, 71.5065, 102.0812



73.3124, 68.6477, 80.0048



17.1766, 16.7535, 20.6768



28.2287, 13.6349, 42.7740



2.4916, 1.2026, 3.8151

Inverse Universe

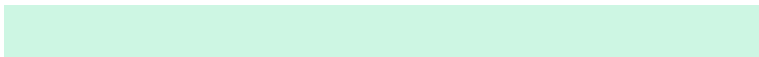
The Inverse Universe completely reimagines the original color for something new.



76.1686, 69.7901, 95.0453



80.4847, 71.5065, 102.0812



71.9818, 84.4313, 85.0821



17.1766, 16.7535, 20.6768



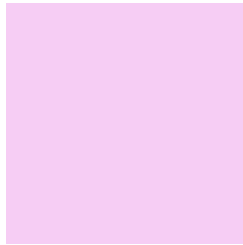
28.2287, 13.6349, 42.7740



2.4916, 1.2026, 3.8151

Previews

White Background



This preview shows how the XYZ color 76.1665, 69.7871, 95.0438 looks on a white background.

Color Contrast Check

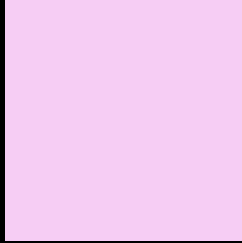
Large Text (above 18pt) WCAG AA × Fail

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 76.1665, 69.7871, 95.0438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

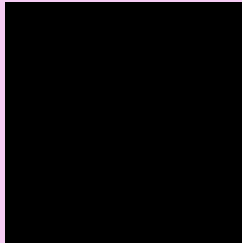
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1665, 69.7871, 95.0438

Background



This preview shows how black text looks on a background with the XYZ color 76.1665, 69.7871, 95.0438.



This preview shows how white text looks on a background with the XYZ color 76.1665, 69.7871,

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

76.1665, 69.7871, 95.0438

Protanopia

69.1198, 70.0738, 101.1494

Deuteranopia

71.3997, 69.8889, 94.5208



Tritanopia

73.1086, 69.6027, 80.8156

Trichromacy



Original Color

76.1665, 69.7871, 95.0438

Protanomaly

71.2272, 69.7116, 98.5085

Deuteranomaly

72.9098, 69.5644, 94.3785

Tritanomaly

74.1865, 69.6849, 85.8844

Monochromacy



Original Color

76.1665, 69.7871, 95.0438

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.7938, 71.8138, 84.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1665, 69.7871, 95.0438 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, 205, 244)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 244)  
}
```

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, 205, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 244) }
```

Border

The CSS property to change the border of an element to XYZ 76.1665, 69.7871, 95.0438 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, 205, 244) }
```


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

```
.border{ border-color:rgb(246, 205, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 205, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 205, 244); box-shadow:4px 4px 4px 4px rgb(246, 205, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1665, 69.7871, 95.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 244) }
```

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

```
.background{ background-color: rgb(246,  
205, 244) }
```

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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