

Converting Colors

XYZ(166.0679, 111.8112,
96.9425)

Have a look what the booklet for
XYZ(166.0679, 111.8112, 96.9425)
contains.

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Color

**XYZ(76.1166, 65.3701,
92.6103)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F2
RGB	255, 192, 242
RGB Percent	100%, 75%, 95%
CMY	0.0000, 0.2470, 0.0510
CMYK	0.00, 0.25, 0.05, 0.00
HSL	312°, 100%, 88%
HSV	312°, 25%, 100%
XYZ	76.1166, 65.3701, 92.6103
YIQ	216.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

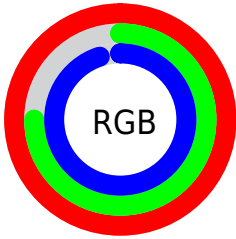
Format	Color
R _Y B	255, 192, 242
Decimal	16761074
CIE Lab	84.67, 30.38, -15.92
CIE LCh	85, 34.297, 332.346
Yxy	65.3701, 0.3251, 0.2792
Android (android.graphics.Color)	4294951154 (0xFFFFC0F2)
YUV	216.5370, 12.5533, 33.7321
Hunter-Lab	80.8518, 26.5553, -11.3165

Details

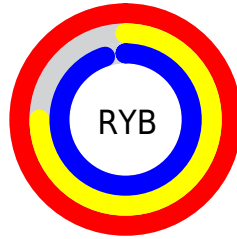
The XYZ color **76.1166, 65.3701, 92.6103** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5198, 87.1353, 70.9681**, and the grayscale version is **65.5447, 68.9581, 75.0954**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **41.2401, 33.7279, 50.7909** is the 20% darker color. If you saturate the color by 10%, you get **70.2164, 54.8160, 86.8009**, and if you desaturate by 10%, it is **83.0126, 77.8786, 98.8655**.

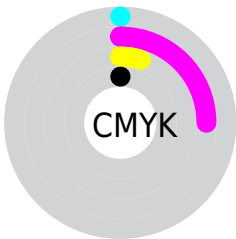
Distribution



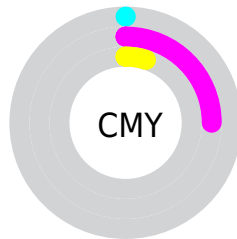
- Red (100%)
- Green (75%)
- Blue (95%)



- Red (100%)
- Yellow (75%)
- Blue (95%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1166, 65.3701, 92.6103 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 76.1166, 65.3701, 92.6103 by changing the saturation by 10% instead.


 76.1166, 65.3701,
92.6103

 76.1166, 65.3701,
92.6103


470.6850,
444.1208, 557.2737

 56.8255, 47.7612,
69.5618


 126.8712,
112.5818, 152.9260

 41.1048, 33.6379,
50.6948

159.0654,
142.9534, 191.0303

 28.5890, 22.6155,
35.5907


196.2914,
178.3480, 234.9902

 18.9128, 14.3099,
23.8311

238.9145,
219.1501, 285.2243

 11.7109, 8.3365,
14.9973

287.3000,
265.7441, 342.1512

 6.6180, 4.3110,
8.6709

341.8134,

 3.2685, 1.8490,

318.5142, 406.1894

4.4333

402.8199,
377.8450, 477.7573

■ 1.2973, 0.5175,
1.8659

■ 0.1812, 0.0000,
0.4709

■ 76.1166, 65.3701,
92.6103

■ 76.1166, 65.3701,
92.6103

■ 70.2164, 54.8160,
86.8009

■ 83.0126, 77.8786,
98.8655

■ 65.2571, 46.1080,
81.4155

■ 90.9464, 92.4264,
105.5790

■ 61.1856, 39.1400,
76.4365

95.0500, 100.0000,
108.9000

■ 57.9416, 33.7913,
71.8426

■ 55.4569, 29.9260,
67.6102

■ 53.6522, 27.3860,
63.7120

■ 52.4302, 25.9768,
60.1144

■ 51.9458, 25.5423,
58.3060

Harmonies

Analogous

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



70.3526, 65.3701, 113.1036



76.1166, 65.3701, 92.6103



78.0453, 65.3701, 69.4636

Triad

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



76.1166, 65.3701, 92.6103



61.5312, 65.3701, 36.7953



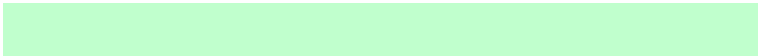
50.4986, 65.3701, 96.2218

Complementary

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



76.1166, 65.3701, 92.6103



68.5198, 87.1353, 70.9681

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.



48.5442, 65.3701, 72.9182



76.1166, 65.3701, 92.6103



54.5787, 65.3701, 41.1509

Square

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



76.1166, 65.3701, 92.6103



69.2239, 65.3701, 39.9638



49.9752, 65.3701, 53.3353



55.5424, 65.3701, 115.4720

Rectangle

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



76.1166, 65.3701, 92.6103



76.7786, 65.3701, 56.3103



49.9752, 65.3701, 53.3353



49.4782, 65.3701, 88.4538

Sweetspot

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



76.1181, 65.3728, 92.6117



89.0302, 88.9003, 103.9958



61.9689, 57.8449, 102.5068



18.9503, 18.8339, 22.1712



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.



76.1181, 65.3728, 92.6117



72.8717, 59.5448, 89.4799



71.8368, 63.6602, 70.0665



18.6226, 18.2324, 21.8959



27.1987, 13.3688, 30.7606



2.6868, 1.3171, 3.1980

Inverse Universe

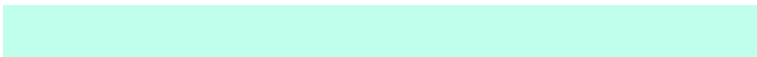
The Inverse Universe completely reimagines the original color for something new.



76.1181, 65.3728, 92.6117



72.8717, 59.5448, 89.4799



72.6549, 88.7893, 92.7432



18.6226, 18.2324, 21.8959



27.1987, 13.3688, 30.7606



2.6868, 1.3171, 3.1980

Previews

White Background



This preview shows how the XYZ color 76.1166, 65.3701, 92.6103 looks on a white background.

Color Contrast Check

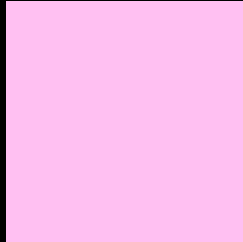
Large Text (above 18pt) WCAG AA × Fail

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 76.1166, 65.3701, 92.6103 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 76.1166, 65.3701, 92.6103

Background



This preview shows how black text looks on a background with the XYZ color 76.1166, 65.3701, 92.6103.



This preview shows how white text looks on a background with the XYZ color 76.1166, 65.3701,

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

76.1166, 65.3701, 92.6103

Protanopia

65.2931, 65.8055, 103.0263

Deuteranopia

66.8647, 65.4347, 90.7674



Tritanopia

71.7602, 65.2458, 71.7623

Trichromacy



Original Color

76.1166, 65.3701, 92.6103



Protanomaly

68.4300, 64.9862, 99.3794



Deuteranomaly

69.8935, 65.2204, 91.3431



Tritanomaly

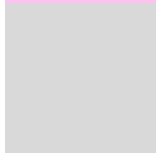
73.1145, 65.1075, 79.2345

Monochromacy



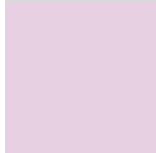
Original Color

76.1166, 65.3701, 92.6103



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.2383, 67.5917, 81.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1166, 65.3701, 92.6103 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(255, 192, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 242)  
}
```

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(255, 192, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.1166, 65.3701, 92.6103 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(255, 192, 242) }
```


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

```
.border{ border-color:rgb(255, 192, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1166, 65.3701, 92.6103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 242) }
```

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

```
.background{ background-color: rgb(255,  
192, 242) }
```

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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