

Converting Colors

XYZ(96.8881, 76.1479, 96.3311)

Have a look what the booklet for
XYZ(96.8881, 76.1479, 96.3311)
contains.

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Color

**XYZ(76.5711, 65.5518,
95.0032)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC0F5 |
| RGB | 255, 192, 245 |
| RGB Percent | 100%, 75%, 96% |
| CMY | 0.0000, 0.2470, 0.0392 |
| CMYK | 0.00, 0.25, 0.04, 0.00 |
| HSL | 310°, 100%, 88% |
| HSV | 310°, 25%, 100% |
| XYZ | 76.5711, 65.5518, 95.0032 |
| YIQ | 216.8790, 20.5350, 29.8390 |

Conversions

Conversions Part 2

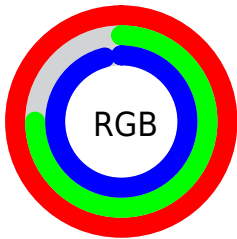
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 192, 245 |
| Decimal | 16761077 |
| CIE Lab | 84.77, 30.90, -17.38 |
| CIE LCh | 85, 35.451, 330.650 |
| Yxy | 65.5518, 0.3229, 0.2764 |
| Android (android.graphics.Color) | 4294951157 (0xFFFFC0F5) |
| YUV | 216.8790, 13.8637, 33.4321 |
| Hunter-Lab | 80.9641, 27.1278, -12.8960 |

Details

The XYZ color **76.5711, 65.5518, 95.0032** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.1609, 86.9917, 69.0785**, and the grayscale version is **65.7700, 69.1952, 75.3536**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **41.5625, 33.8568, 52.4886** is the 20% darker color. If you saturate the color by 10%, you get **70.8386, 55.0647, 90.0777**, and if you desaturate by 10%, it is **83.2899, 77.9894, 100.3259**.

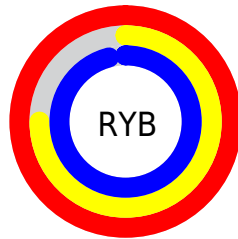
Distribution



Red (100%)

Green (75%)

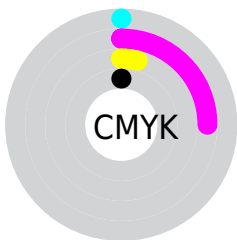
Blue (96%)



Red (100%)

Yellow (75%)

Blue (96%)

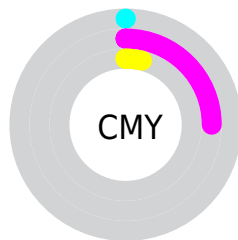


Cyan (0%)

Magenta (25%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5711, 65.5518, 95.0032 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 76.5711, 65.5518, 95.0032 by changing the saturation by 10% instead.


 76.5711, 65.5518,
95.0032

 76.5711, 65.5518,
95.0032


472.2148,
444.7723, 565.1598

 57.1996, 47.9087,
71.5407

 127.5099,
112.8428, 156.2646

 41.4063, 33.7546,
52.2991

159.8080,
143.2595, 194.9007

 28.8258, 22.7051,
36.8596


197.1456,
178.7027, 239.4317

 19.0927, 14.3759,
24.8039

239.8882,
219.5570, 290.2762

 11.8417, 8.3826,
15.7133

288.4010,
266.2067, 347.8527

 6.7074, 4.3407,
9.1694

343.0495,

 3.3245, 1.8659,

319.0362, 412.5798

4.7535

404.1990,
378.4299, 484.8760

■ 1.3276, 0.5278,
2.0472

■ 0.2037, 0.0000,
0.5841

■ 76.5711, 65.5518,
95.0032

■ 76.5711, 65.5518,
95.0032

■ 70.8386, 55.0647,
90.0777

■ 83.2899, 77.9894,
100.3259

■ 66.0380, 46.4203,
85.5283

■ 91.0372, 92.4625,
106.0577

■ 62.1163, 39.5122,
81.3376

95.0500, 100.0000,
108.9000

■ 59.0131, 34.2199,
77.4853

■ 56.6604, 30.4074,
73.9480

■ 54.9790, 27.9167,
70.6992

■ 53.8718, 26.5535,
67.7058

■ 53.4447, 26.1419,
66.1993

Harmonies

Analogous

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



70.4104, 65.5518, 115.9469



76.5711, 65.5518, 95.0032



78.8388, 65.5518, 70.8804

Triad

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



76.5711, 65.5518, 95.0032



62.1321, 65.5518, 35.9937



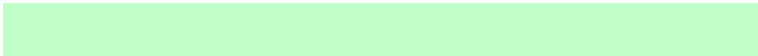
50.0804, 65.5518, 96.0456

Complementary

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



76.5711, 65.5518, 95.0032



68.1609, 86.9917, 69.0785

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.



48.2613, 65.5518, 71.8715



76.5711, 65.5518, 95.0032



54.8468, 65.5518, 39.9991

Square

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



76.5711, 65.5518, 95.0032



70.0857, 65.5518, 39.6632



49.9310, 65.5518, 52.0299



55.1226, 65.5518, 116.6331

Rectangle

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



76.5711, 65.5518, 95.0032



77.6988, 65.5518, 57.0488



49.9310, 65.5518, 52.0299



49.0919, 65.5518, 87.9182

Sweetspot

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



76.5725, 65.5544, 95.0046



89.1648, 88.9541, 104.7044



61.1107, 57.4024, 102.4666



18.9816, 18.8464, 22.3357



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.



76.5725, 65.5544, 95.0046



73.4162, 59.7626, 92.3471



72.2353, 63.8195, 72.1654



18.6615, 18.2479, 22.1006



27.9724, 13.6783, 34.8349



2.7554, 1.3445, 3.5591

Inverse Universe

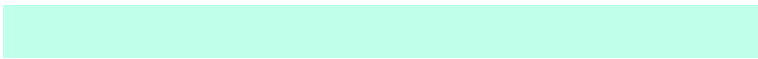
The Inverse Universe completely reimagines the original color for something new.



76.5725, 65.5544, 95.0046



73.4162, 59.7626, 92.3471



72.2008, 88.6076, 90.3524



18.6615, 18.2479, 22.1006



27.9724, 13.6783, 34.8349



2.7554, 1.3445, 3.5591

Previews

White Background



This preview shows how the XYZ color 76.5711, 65.5518, 95.0032 looks on a white background.

Color Contrast Check

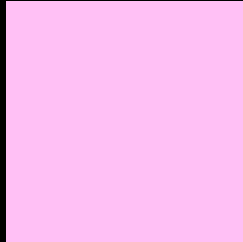
Large Text (above 18pt) WCAG AA × Fail

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 76.5711, 65.5518, 95.0032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

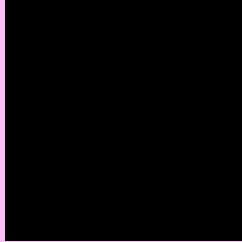
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5711, 65.5518, 95.0032

Background



This preview shows how black text looks on a background with the XYZ color 76.5711, 65.5518, 95.0032.



This preview shows how white text looks on a background with the XYZ color 76.5711, 65.5518,

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

76.5711, 65.5518, 95.0032

Protanopia

65.4537, 65.8697, 103.8721

Deuteranopia

67.2533, 65.9419, 93.1878



Tritanopia

71.9880, 65.7015, 71.8383

Trichromacy



Original Color

76.5711, 65.5518, 95.0032



Protanomaly

68.5873, 65.0491, 100.2076



Deuteranomaly

70.2532, 65.7010, 93.7728



Tritanomaly

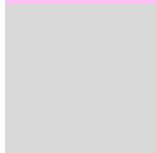
73.4754, 65.6115, 80.0259

Monochromacy



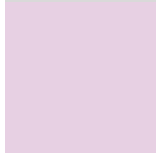
Original Color

76.5711, 65.5518, 95.0032



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.3760, 67.6467, 82.0737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5711, 65.5518, 95.0032 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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(255, 192, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 245) }
```

Border

The CSS property to change the border of an element to XYZ 76.5711, 65.5518, 95.0032 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, 245) }
```


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

```
.border{ border-color:rgb(255, 192, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5711, 65.5518, 95.0032 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, 245) }
```

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

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