

Converting Colors

XYZ(77.5254, 65.6708,
100.8391)

Have a look what the booklet for
XYZ(77.5254, 65.6708, 100.8391)
contains.

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Color

**XYZ(77.4415, 65.5499,
100.6662)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFFC
RGB	255, 191, 252
RGB Percent	100%, 75%, 99%
CMY	0.0000, 0.2510, 0.0118
CMYK	0.00, 0.25, 0.01, 0.00
HSL	303°, 100%, 87%
HSV	303°, 25%, 100%
XYZ	77.4415, 65.5499, 100.6662
YIQ	217.0900, 18.5630, 32.5390

Conversions

Conversions Part 2

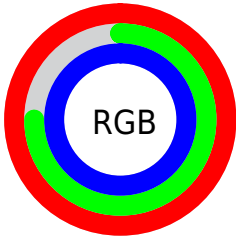
Format	Color
R _Y B	255, 191, 252
Decimal	16760828
CIE _{Lab}	84.77, 32.66, -21.10
CIE _{LCh}	85, 38.884, 327.134
Yxy	65.5499, 0.3178, 0.2690
Android (android.graphics.Color)	4294950908 (0xFFFFBFFC)
YUV	217.0900, 17.2106, 33.2471
Hunter-Lab	80.9629, 29.0513, -17.0449

Details

The XYZ color **77.4415, 65.5499, 100.6662** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9854, 86.4924, 64.2059**, and the grayscale version is **65.8933, 69.3249, 75.4948**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **42.0847, 33.8372, 55.9429** is the 20% darker color. If you saturate the color by 10%, you get **72.1686, 55.3059, 97.9780**, and if you desaturate by 10%, it is **83.6865, 77.7357, 103.6861**.

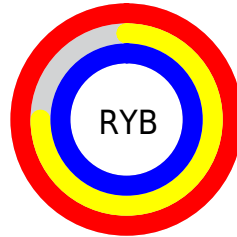
Distribution



Red (100%)

Green (75%)

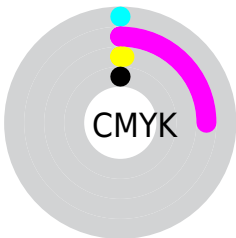
Blue (99%)



Red (100%)

Yellow (75%)

Blue (99%)

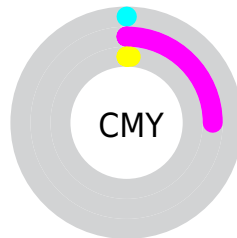


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4415, 65.5499, 100.6662 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 77.4415, 65.5499, 100.6662 by changing the saturation by 10% instead.

77.4415, 65.5499,
100.6662

77.4415, 65.5499,
100.6662

475.1369,
444.7654, 583.5914

57.9165, 47.9071,
76.2370

128.7321,
112.8401, 164.1322

41.9845, 33.7533,
56.1191

161.2283,
143.2563, 204.0062

29.2802, 22.7042,
39.8938

198.7790,
178.6990, 249.8655

19.4383, 14.3752,
27.1426

241.7495,
219.5528, 302.1288

12.0933, 8.3821,
17.4469

290.5052,
266.2019, 361.2144

6.8799, 4.3404,
10.3883

345.4115,

3.4327, 1.8657,

319.0308, 427.5410

5.5482

406.8336,
378.4238, 501.5272

■ 1.3865, 0.5277,
2.5081

■ 0.2466, 0.0000,
0.8444

■ 77.4415, 65.5499,
100.6662

■ 77.4415, 65.5499,
100.6662

■ 72.1686, 55.3059,
97.9780

■ 83.6865, 77.7357,
103.6861

■ 67.8133, 46.8956,
95.6007

■ 90.9460, 91.9485,
107.0491

■ 64.3225, 40.2122,
93.5174

95.0500, 100.0000,
108.9000

■ 61.6355, 35.1348,
91.7079

■ 59.6842, 31.5267,
90.1494

■ 58.3890, 29.2289,
88.8154

■ 57.6516, 28.0449,
87.6732

■ 57.4252, 27.7341,
87.1603

Harmonies

Analogous

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



70.2505, 65.5499, 123.0803



77.4415, 65.5499, 100.6662



80.5544, 65.5499, 73.7961

Triad

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



77.4415, 65.5499, 100.6662



63.1437, 65.5499, 33.4117



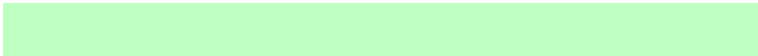
48.5665, 65.5499, 95.5356

Complementary

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



77.4415, 65.5499, 100.6662



66.9854, 86.4924, 64.2059

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.



47.0407, 65.5499, 69.0030



77.4415, 65.5499, 100.6662



54.9791, 65.5499, 36.6549

Square

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



77.4415, 65.5499, 100.6662



71.8324, 65.5499, 38.2133



49.2787, 65.5499, 48.3968



53.6564, 65.5499, 119.6662

Rectangle

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



77.4415, 65.5499, 100.6662



79.7009, 65.5499, 58.1650



49.2787, 65.5499, 48.3968



47.6416, 65.5499, 86.4422

Sweetspot

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



77.4429, 65.5525, 100.6676



88.7304, 87.6064, 106.0360



58.7098, 55.8398, 102.2916



18.7537, 18.2848, 22.5863



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.



77.4429, 65.5525, 100.6676



74.7382, 60.2914, 99.3085



72.9059, 63.7376, 76.7757



18.7537, 18.2848, 22.5863



30.0220, 14.4981, 45.6280



2.9341, 1.4160, 4.5001

Inverse Universe

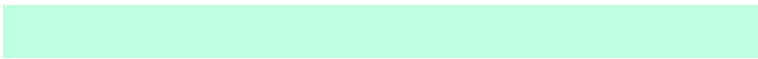
The Inverse Universe completely reimagines the original color for something new.



77.4429, 65.5525, 100.6676



74.7382, 60.2914, 99.3085



70.8565, 88.0408, 84.5905



18.7537, 18.2848, 22.5863



30.0220, 14.4981, 45.6280



2.9341, 1.4160, 4.5001

Previews

White Background



This preview shows how the XYZ color 77.4415, 65.5499, 100.6662 looks on a white background.

Color Contrast Check

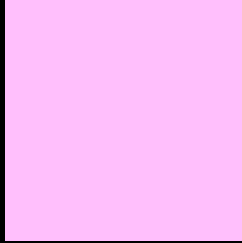
Large Text (above 18pt) WCAG AA × Fail

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 77.4415, 65.5499, 100.6662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

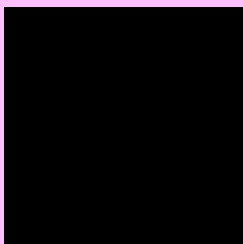
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4415, 65.5499, 100.6662

Background



This preview shows how black text looks on a background with the XYZ color 77.4415, 65.5499, 100.6662.



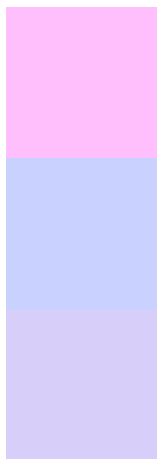
This preview shows how white text looks on a background with the XYZ color 77.4415, 65.5499,

100.6662.

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

77.4415, 65.5499, 100.6662

Protanopia

65.1840, 65.7307, 103.8595

Deuteranopia

67.4360, 65.9123, 98.7906



Tritanopia

71.6287, 65.5163, 71.8215

Trichromacy



Original Color

77.4415, 65.5499, 100.6662



Protanomaly

69.0641, 65.2398, 102.7184



Deuteranomaly

70.7751, 65.4984, 99.3547



Tritanomaly

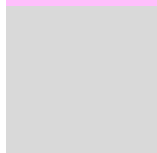
73.5251, 65.2717, 81.3966

Monochromacy



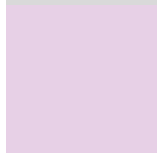
Original Color

77.4415, 65.5499, 100.6662



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

69.7938, 67.8138, 84.2738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4415, 65.5499, 100.6662 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, 191, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 252)  
}
```

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, 191, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.4415, 65.5499, 100.6662 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, 191, 252) }
```


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

```
.border{ border-color:rgb(255, 191, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4415, 65.5499, 100.6662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 252) }
```

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

```
.background{ background-color: rgb(255,  
191, 252) }
```

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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