

Converting Colors

XYZ(89.4498, 69.5869, 99.3963)

Have a look what the booklet for
XYZ(89.4498, 69.5869, 99.3963)
contains.

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Color

**XYZ(75.6358, 62.4431,
98.5088)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB8FA |
| RGB | 255, 184, 250 |
| RGB Percent | 100%, 72%, 98% |
| CMY | 0.0000, 0.2784, 0.0196 |
| CMYK | 0.00, 0.28, 0.02, 0.00 |
| HSL | 304°, 100%, 86% |
| HSV | 304°, 28%, 100% |
| XYZ | 75.6358, 62.4431, 98.5088 |
| YIQ | 212.7530, 21.1300, 35.5780 |

Conversions

Conversions Part 2

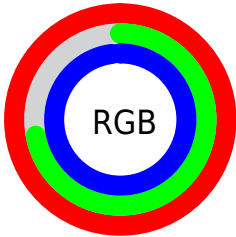
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 184, 250 |
| Decimal | 16759034 |
| CIE Lab | 83.15, 35.98, -22.49 |
| CIE LCh | 83, 42.427, 327.989 |
| Yxy | 62.4431, 0.3197, 0.2639 |
| Android (android.graphics.Color) | 4294949114 (0xFFFFB8FA) |
| YUV | 212.7530, 18.3628, 37.0506 |
| Hunter-Lab | 79.0209, 32.5667, -18.5972 |

Details

The XYZ color **75.6358, 62.4431, 98.5088** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.7143, 85.3854, 61.2170**, and the grayscale version is **62.9536, 66.2321, 72.1268**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **40.6342, 31.6858, 54.4264** is the 20% darker color. If you saturate the color by 10%, you get **70.5285, 52.6767, 95.4246**, and if you desaturate by 10%, it is **81.7032, 74.1249, 101.9279**.

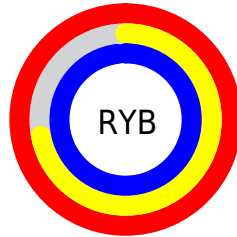
Distribution



Red (100%)

Green (72%)

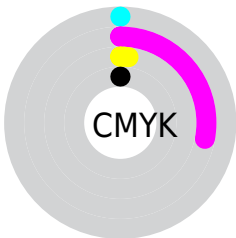
Blue (98%)



Red (100%)

Yellow (72%)

Blue (98%)

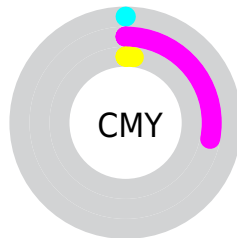


Cyan (0%)

Magenta (28%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6358, 62.4431, 98.5088 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 75.6358, 62.4431, 98.5088 by changing the saturation by 10% instead.


 75.6358, 62.4431,
98.5088

 75.6358, 62.4431,
98.5088

469.0636,
433.5455, 576.6069

 56.4299, 45.3908,
74.4458


 126.1951,
108.3657, 161.1404

 40.7861, 31.7654,
54.6600


158.2792,
138.0048, 200.5461

 28.3389, 21.1824,
38.7328


195.3867,
172.6083, 245.9031

 18.7230, 13.2574,
26.2457

237.8831,
212.5606, 297.6300

 11.5731, 7.6060,
16.7801

286.1336,
258.2460, 356.1452

 6.5239, 3.8439,
9.9176

340.5036,


 3.2098, 1.5866,


310.0491, 421.8675


5.2394

401.3585,
368.3541, 495.2152


 1.2657, 0.3486,
2.3272


 0.1573, 0.0000,
0.7464

 75.6358, 62.4431,
98.5088

 75.6358, 62.4431,
98.5088

 70.5285, 52.6767,
95.4246

 81.7032, 74.1249,
101.9279

 66.3259, 44.7157,
92.6544

 88.7741, 87.8096,
105.6939

 62.9732, 38.4502,
90.1806

95.0500, 100.0000,
108.9000

 60.4081, 33.7556,
87.9825

■ 58.5595, 30.4899,
86.0363

■ 57.3438, 28.4858,
84.3141

■ 56.6491, 27.5193,
82.7785

■ 56.5326, 27.3770,
82.4598

Harmonies

Analogous

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



68.0383, 62.4431, 123.2039



75.6358, 62.4431, 98.5088



78.8260, 62.4431, 69.7814

Triad

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



75.6358, 62.4431, 98.5088



59.9726, 62.4431, 28.9093



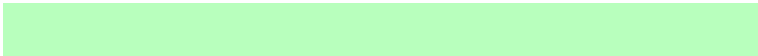
45.0701, 62.4431, 94.6223

Complementary

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



75.6358, 62.4431, 98.5088



64.7143, 85.3854, 61.2170

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.



43.3798, 62.4431, 66.2293



75.6358, 62.4431, 98.5088



51.4353, 62.4431, 32.3694

Square

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



75.6358, 62.4431, 98.5088



69.2216, 62.4431, 33.4643



45.5882, 62.4431, 44.5315



50.4651, 62.4431, 120.5830

Rectangle

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



75.6358, 62.4431, 98.5088



77.7995, 62.4431, 53.5233



45.5882, 62.4431, 44.5315



44.0759, 62.4431, 84.8534

Sweetspot

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



75.6372, 62.4456, 98.5101



88.6535, 87.5757, 105.6312



56.1132, 52.2888, 101.7430



18.7342, 18.2770, 22.4834



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.



75.6372, 62.4456, 98.5101



72.8851, 57.1734, 96.8778



70.6179, 60.4378, 72.0788



18.7342, 18.2770, 22.4834



29.5630, 14.3145, 43.2105



2.8943, 1.4001, 4.2910

Inverse Universe

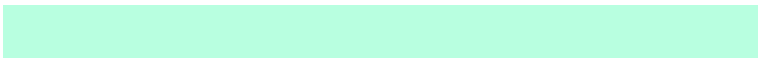
The Inverse Universe completely reimagines the original color for something new.



75.6372, 62.4456, 98.5101



72.8851, 57.1734, 96.8778



69.0151, 87.1057, 83.8644



18.7342, 18.2770, 22.4834



29.5630, 14.3145, 43.2105



2.8943, 1.4001, 4.2910

Previews

White Background



This preview shows how the XYZ color 75.6358, 62.4431, 98.5088 looks on a white background.

Color Contrast Check

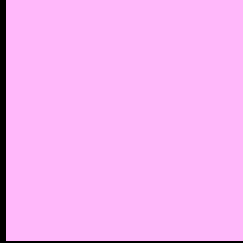
Large Text (above 18pt) WCAG AA × Fail

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 75.6358, 62.4431, 98.5088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

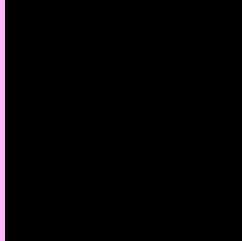
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6358, 62.4431, 98.5088

Background



This preview shows how black text looks on a background with the XYZ color 75.6358, 62.4431, 98.5088.



This preview shows how white text looks on a background with the XYZ color 75.6358, 62.4431,

98.5088.

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

75.6358, 62.4431, 98.5088

Protanopia

62.6270, 62.9647, 103.4604

Deuteranopia

64.0029, 62.7756, 95.9324



Tritanopia

69.1790, 62.3440, 67.4189

Trichromacy



Original Color

75.6358, 62.4431, 98.5088



Protanomaly

66.5390, 62.2317, 101.4334



Deuteranomaly

67.5798, 62.2028, 96.4402



Tritanomaly

71.3005, 62.2321, 78.0661

Monochromacy



Original Color

75.6358, 62.4431, 98.5088



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.8429, 64.2260, 80.8254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6358, 62.4431, 98.5088 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, 184, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 250)  
}
```

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, 184, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.6358, 62.4431, 98.5088 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, 184, 250) }
```


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

```
.border{ border-color:rgb(255, 184, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6358, 62.4431, 98.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 250) }
```

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

```
.background{ background-color: rgb(255,  
184, 250) }
```

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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