

# Converting Colors

XYZ(75.4459, 62.2344, 97.9181)

Have a look what the booklet for  
XYZ(75.4459, 62.2344, 97.9181)  
contains.

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# Color

**XYZ(75.4794, 62.3805,  
97.6850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB8F9
RGB	255, 184, 249
RGB Percent	100%, 72%, 98%
CMY	0.0000, 0.2784, 0.0235
CMYK	0.00, 0.28, 0.02, 0.00
HSL	305°, 100%, 86%
HSV	305°, 28%, 100%
XYZ	75.4794, 62.3805, 97.6850
YIQ	212.6390, 21.4510, 35.2670

# Conversions

## Conversions Part 2

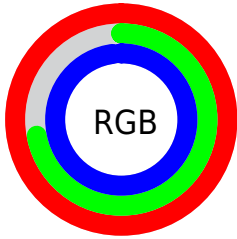
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 184, 249</a>
Decimal	<a href="#">16759033</a>
CIELab	<a href="#">83.12, 35.80, -22.01</a>
CIElCh	<a href="#">83, 42.022, 328.421</a>
Yxy	<a href="#">62.3805, 0.3204, 0.2648</a>
Android (android.graphics.Color)	<a href="#">4294949113</a> (0xFFFFB8F9)
YUV	<a href="#">212.6390, 17.9260, 37.1506</a>
Hunter-Lab	<a href="#">78.9813, 32.3682, -18.0436</a>

# Details

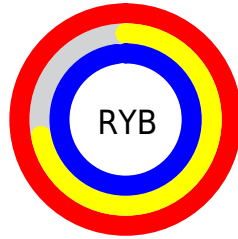
The XYZ color **75.4794, 62.3805, 97.6850** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8233, 85.4289, 61.7907**, and the grayscale version is **62.8802, 66.1549, 72.0427**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **40.5230, 31.6414, 53.8408** is the 20% darker color. If you saturate the color by 10%, you get **70.3181, 52.5925, 94.3167**, and if you desaturate by 10%, it is **81.6019, 74.0843, 101.3944**.

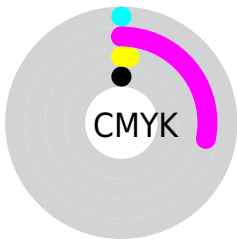
# Distribution



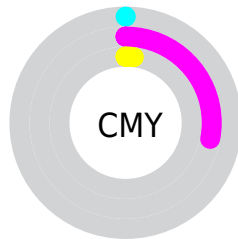
- Red (100%)
- Green (72%)
- Blue (98%)



- 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 75.4794, 62.3805, 97.6850 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 75.4794, 62.3805, 97.6850 by changing the saturation by 10% instead.





 75.4794, 62.3805,  
97.6850

 75.4794, 62.3805,  
97.6850


468.5355,  
433.3177, 573.9279

 56.3013, 45.3402,  
73.7625


 125.9750,  
108.2753, 159.9962

 40.6825, 31.7255,  
54.1041

158.0232,  
137.8986, 199.2220

 28.2576, 21.1519,  
38.2911

195.0922,  
172.4850, 244.3860

 18.6614, 13.2351,  
25.9051

237.5472,  
212.4189, 295.9068

 11.5284, 7.5906,  
16.5276

285.7538,  
258.0847, 354.2028

 6.4933, 3.8341,  
9.7399

340.0771,

 3.1908, 1.5812,

309.8669, 419.6926

5.1235

400.8825,  
368.1497, 492.7948

■ 1.2555, 0.3449,  
2.2599

■ 0.1495, 0.0000,  
0.7086

■ 75.4794, 62.3805,  
97.6850

■ 75.4794, 62.3805,  
97.6850

■ 70.3181, 52.5925,  
94.3167

■ 81.6019, 74.0843,  
101.3944

■ 66.0627, 44.6104,  
91.2684

■ 88.7291, 87.7915,  
105.4570

■ 62.6584, 38.3243,  
88.5228

95.0500, 100.0000,  
108.9000

■ 60.0428, 33.6095,  
86.0588

■ 58.1449, 30.3240,  
83.8529

■ 56.8811, 28.3006,  
81.8771

■ 56.1393, 27.3153,  
80.0939

■ 56.0128, 27.1691,  
79.7225

# Harmonies

## Analogous

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



68.0136, 62.3805, 122.2058



75.4794, 62.3805, 97.6850



78.5556, 62.3805, 69.3120

# Triad

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



75.4794, 62.3805, 97.6850



59.7742, 62.3805, 29.1378



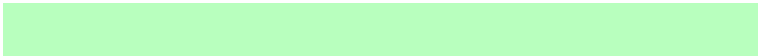
45.1965, 62.3805, 94.6693

# Complementary

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



75.4794, 62.3805, 97.6850



64.8233, 85.4289, 61.7907

# 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.



43.4651, 62.3805, 66.5503



75.4794, 62.3805, 97.6850



51.3476, 62.3805, 32.6978

# Square

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



75.4794, 62.3805, 97.6850



68.9328, 62.3805, 33.5534



45.6001, 62.3805, 44.9163



50.5926, 62.3805, 120.1746



# Rectangle

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



75.4794, 62.3805, 97.6850



77.4871, 62.3805, 53.2870



45.6001, 62.3805, 44.9163



44.1925, 62.3805, 85.0171

# Sweetspot

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



75.4807, 62.3829, 97.6863



88.6076, 87.5573, 105.3895



56.4073, 52.4404, 101.7568



18.7226, 18.2723, 22.4221



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.



75.4807, 62.3829, 97.6863



72.7007, 57.0996, 95.9067



70.4665, 60.3773, 71.2819



18.7226, 18.2723, 22.4221



29.2955, 14.2075, 41.8020



2.8711, 1.3908, 4.1687



# Inverse Universe

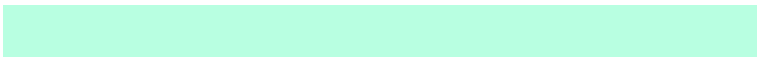
The Inverse Universe completely reimagines the original color for something new.



75.4807, 62.3829, 97.6863



72.7007, 57.0996, 95.9067



69.1764, 87.1702, 84.7138



18.7226, 18.2723, 22.4221



29.2955, 14.2075, 41.8020



2.8711, 1.3908, 4.1687



# Previews

## White Background



This preview shows how the XYZ color 75.4794, 62.3805, 97.6850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

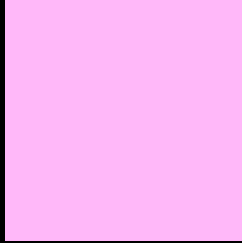
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.4794, 62.3805, 97.6850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

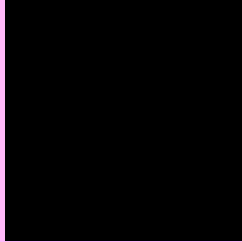
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.4794, 62.3805, 97.6850**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.4794, 62.3805, 97.6850.



This preview shows how white text looks on a background with the XYZ color 75.4794, 62.3805,

97.6850.

# 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

75.4794, 62.3805, 97.6850

### Protanopia

62.6270, 62.9647, 103.4604

### Deuteranopia

64.2850, 62.9210, 95.9456



## Tritanopia

69.1790, 62.3440, 67.4189

# Trichromacy



## Original Color

75.4794, 62.3805, 97.6850



## Protanomaly

66.5390, 62.2317, 101.4334



## Deuteranomaly

67.8925, 62.3640, 96.4548



## Tritanomaly

71.1661, 62.1783, 77.3580

# Monochromacy



## Original Color

75.4794, 62.3805, 97.6850



## 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 75.4794, 62.3805, 97.6850 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 249) }
```

## Border

The CSS property to change the border of an element to XYZ 75.4794, 62.3805, 97.6850 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, 249) }
```



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

```
.border{ border-color:rgb(255, 184, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
249) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.4794, 62.3805, 97.6850 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, 249) }
```

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

```
.background{ background-color: rgb(255,  
184, 249) }
```

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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