

# Converting Colors

XYZ(141.1107, 96.4664,  
97.5802)

Have a look what the booklet for  
XYZ(141.1107, 96.4664, 97.5802)  
contains.

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# **Color**

**XYZ(75.0704, 62.5505,  
94.5030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB9F5
RGB	255, 185, 245
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2745, 0.0392
CMYK	0.00, 0.27, 0.04, 0.00
HSL	309°, 100%, 86%
HSV	309°, 27%, 100%
XYZ	75.0704, 62.5505, 94.5030
YIQ	212.7700, 22.4600, 33.5000

# Conversions

## Conversions Part 2

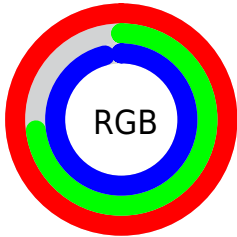
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 185, 245
Decimal	16759285
CIE Lab	83.21, 34.57, -19.73
CIE LCh	83, 39.808, 330.284
Yxy	62.5505, 0.3234, 0.2695
Android (android.graphics.Color)	4294949365 (0xFFFFB9F5)
YUV	212.7700, 15.8894, 37.0357
Hunter-Lab	79.0889, 31.0250, -15.4832

# Details

The XYZ color **75.0704, 62.5505, 94.5030** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.6198, 85.7754, 64.7303**, and the grayscale version is **62.9803, 66.2602, 72.1574**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **40.3276, 31.7770, 52.1522** is the 20% darker color. If you saturate the color by 10%, you get **69.6561, 52.6029, 89.9821**, and if you desaturate by 10%, it is **81.4550, 74.4207, 99.4030**.

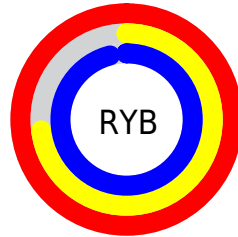
# Distribution



Red (100%)

Green (73%)

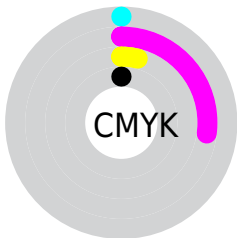
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

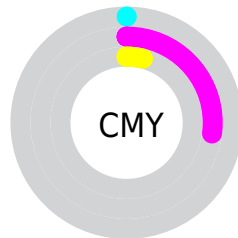


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.0704, 62.5505, 94.5030 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 75.0704, 62.5505, 94.5030 by changing the saturation by 10% instead.





 75.0704, 62.5505,  
94.5030

 75.0704, 62.5505,  
94.5030


467.1530,  
433.9363, 563.5163

 55.9649, 45.4777,  
71.1268

 125.3994,  
108.5208, 155.5675

 40.4117, 31.8338,  
51.9632

157.3536,  
138.1870, 194.0928

 28.0453, 21.2346,  
36.5937

194.3215,  
172.8198, 238.5049

 18.5005, 13.2956,  
24.5998

236.6684,  
212.8036, 289.2224

 11.4117, 7.6324,  
15.5628

284.7596,  
258.5227, 346.6637

 6.4138, 3.8607,  
9.0643

338.9605,

 3.1413, 1.5959,

310.3616, 411.2474

4.6858

399.6365,  
368.7047, 483.3921

■ 1.2289, 0.3548,  
2.0086

■ 0.1290, 0.0000,  
0.5606

■ 75.0704, 62.5505,  
94.5030

■ 75.0704, 62.5505,  
94.5030

■ 69.6561, 52.6029,  
89.9821

■ 81.4550, 74.4207,  
99.4030

■ 65.1567, 44.4681,  
85.8191

■ 88.8533, 88.3007,  
104.6944

■ 61.5178, 38.0368,  
81.9963

95.0500, 100.0000,  
108.9000

■ 58.6771, 33.1848,  
78.4926

■ 56.5640, 29.7708,  
75.2843

■ 55.0955, 27.6288,  
72.3433

■ 54.1630, 26.5422,  
69.6331

■ 53.9699, 26.3520,  
68.9650

# Harmonies

## Analogous

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



68.2249, 62.5505, 117.9765



75.0704, 62.5505, 94.5030



77.6501, 62.5505, 67.8713

# Triad

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



75.0704, 62.5505, 94.5030



59.3701, 62.5505, 30.7628



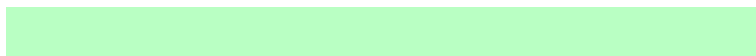
46.2358, 62.5505, 95.0120

# Complementary

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



75.0704, 62.5505, 94.5030



65.6198, 85.7754, 64.7303

# 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.



44.3461, 62.5505, 68.3429



75.0704, 62.5505, 94.5030



51.4660, 62.5505, 34.7430

# Square

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



75.0704, 62.5505, 94.5030



68.0687, 62.5505, 34.5927



46.1662, 62.5505, 47.1497



51.5957, 62.5505, 118.3170



# Rectangle

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



75.0704, 62.5505, 94.5030



76.4264, 62.5505, 52.9157



46.1662, 62.5505, 47.1497



45.1983, 62.5505, 85.9583

# Sweetspot

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



75.0718, 62.5530, 94.5043



88.4182, 87.4816, 104.3922



57.7353, 53.4345, 101.8787



18.6745, 18.2531, 22.1691



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.



75.0718, 62.5530, 94.5043



71.9491, 56.7990, 91.9485



70.3068, 60.6470, 69.4120



18.6745, 18.2531, 22.1691



28.2432, 13.7866, 36.2610



2.7792, 1.3541, 3.6846



# Inverse Universe

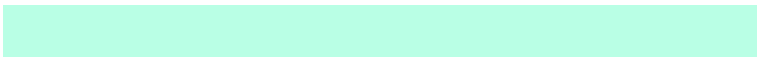
The Inverse Universe completely reimagines the original color for something new.



75.0718, 62.5530, 94.5043



71.9491, 56.7990, 91.9485



69.9587, 87.5109, 87.5786



18.6745, 18.2531, 22.1691



28.2432, 13.7866, 36.2610



2.7792, 1.3541, 3.6846



# Previews

## White Background



This preview shows how the XYZ color 75.0704, 62.5505, 94.5030 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

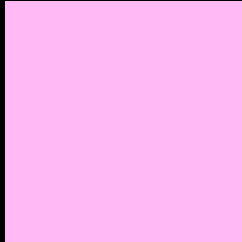
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.0704, 62.5505, 94.5030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

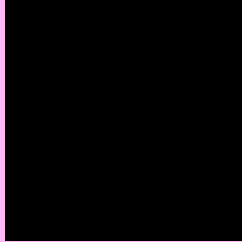
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 75.0704, 62.5505, 94.5030

## Background



This preview shows how black text looks on a background with the XYZ color 75.0704, 62.5505, 94.5030.



This preview shows how white text looks on a background with the XYZ color 75.0704, 62.5505,

94.5030.

# 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

75.0704, 62.5505, 94.5030

### Protanopia

62.8863, 63.0984, 103.4725

### Deuteranopia

64.2469, 62.9716, 92.7730



## Tritanopia

69.5365, 62.5283, 67.4357

# Trichromacy



## Original Color

75.0704, 62.5505, 94.5030



## Protanomaly

66.2219, 62.1049, 99.7640



## Deuteranomaly

67.5961, 62.2818, 93.2529



## Tritanomaly

71.3936, 62.3111, 76.6710

# Monochromacy



## Original Color

75.0704, 62.5505, 94.5030



## Achromatopsia

63.2451, 66.5387, 72.4607



## Achromatomaly

66.9415, 64.6421, 80.1831

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.0704, 62.5505, 94.5030 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, 185, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 245) }
```

## Border

The CSS property to change the border of an element to XYZ 75.0704, 62.5505, 94.5030 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, 185, 245) }
```



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

```
.border{ border-color:rgb(255, 185, 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, 185, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
245) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.0704, 62.5505, 94.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 245) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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