

# Converting Colors

XYZ(102.5174, 76.3633,  
94.5081)

Have a look what the booklet for  
XYZ(102.5174, 76.3633, 94.5081)  
contains.

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# Color

**XYZ(74.5582, 62.0120,  
92.8339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB8F3
RGB	255, 184, 243
RGB Percent	100%, 72%, 95%
CMY	0.0000, 0.2784, 0.0471
CMYK	0.00, 0.28, 0.05, 0.00
HSL	310°, 100%, 86%
HSV	310°, 28%, 100%
XYZ	74.5582, 62.0120, 92.8339
YIQ	211.9550, 23.3770, 33.4010

# Conversions

## Conversions Part 2

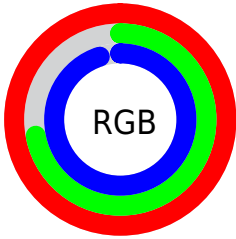
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 184, 243</a>
Decimal	<a href="#">16759027</a>
CIELab	<a href="#">82.92, 34.75, -19.10</a>
CIElCh	<a href="#">83, 39.651, 331.211</a>
Yxy	<a href="#">62.0120, 0.3250, 0.2703</a>
Android (android.graphics.Color)	<a href="#">4294949107 (0xFFFFB8F3)</a>
YUV	<a href="#">211.9550, 15.3052, 37.7505</a>
Hunter-Lab	<a href="#">78.7477, 31.1951, -14.7723</a>

# Details

The XYZ color **74.5582, 62.0120, 92.8339** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.4928, 85.6968, 65.3165**, and the grayscale version is **62.4414, 65.6932, 71.5399**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **39.9782, 31.4234, 50.9720** is the 20% darker color. If you saturate the color by 10%, you get **69.0877, 52.1003, 87.8375**, and if you desaturate by 10%, it is **81.0013, 73.8440, 98.2316**.

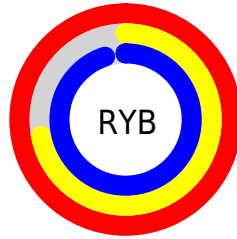
# Distribution



Red (100%)

Green (72%)

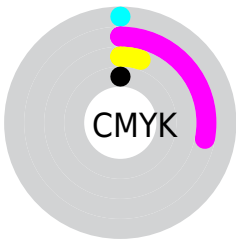
Blue (95%)



Red (100%)

Yellow (72%)

Blue (95%)

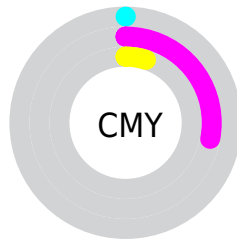


Cyan (0%)

Magenta (28%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5582, 62.0120, 92.8339 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 74.5582, 62.0120, 92.8339 by changing the saturation by 10% instead.





 74.5582, 62.0120,  
92.8339

 74.5582, 62.0120,  
92.8339


465.4183,  
431.9749, 558.0132

 55.5439, 45.0424,  
69.7466


 124.6780,  
107.7429, 153.2383

 40.0729, 31.4908,  
50.8444


156.5143,  
137.2729, 191.3925

 27.7799, 20.9729,  
35.7089

193.3553,  
171.7586, 235.4061

 18.2994, 13.1042,  
23.9216

235.5663,  
211.5843, 285.6975

 11.2661, 7.5003,  
15.0638

283.5128,  
257.1343, 342.6854

 6.3148, 3.7769,  
8.7170


337.5600,


 3.0799, 1.5496,


308.7932, 406.7883


4.4628

398.0734,  
366.9452, 478.4247

 1.1961, 0.3232,  
1.8825


 0.1033, 0.0000,  
0.4816

 74.5582, 62.0120,  
92.8339


 74.5582, 62.0120,  
92.8339

 69.0877, 52.1003,  
87.8375

 81.0013, 73.8440,  
98.2316

 64.5345, 43.9991,  
83.2209

 88.4606, 87.6841,  
104.0430

 60.8436, 37.5983,  
78.9661

95.0500, 100.0000,  
108.9000

 57.9525, 32.7734,  
75.0518

■ 55.7903, 29.3822,  
71.4537

■ 54.2730, 27.2574,  
68.1435

■ 53.2888, 26.1751,  
65.0831

■ 53.1113, 26.0085,  
64.4435

# Harmonies

## Analogous

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



67.8788, 62.0120, 116.3373



74.5582, 62.0120, 92.8339



76.9564, 62.0120, 66.5300

# Triad

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



74.5582, 62.0120, 92.8339



58.5937, 62.0120, 30.5336



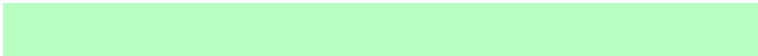
45.9658, 62.0120, 94.9820

# Complementary

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



74.5582, 62.0120, 92.8339



65.4928, 85.6968, 65.3165

# 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.



43.9817, 62.0120, 68.5208



74.5582, 62.0120, 92.8339



50.8236, 62.0120, 34.7212

# Square

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



74.5582, 62.0120, 92.8339



67.2195, 62.0120, 34.0862



45.6720, 62.0120, 47.2856



51.3709, 62.0120, 117.7738



# Rectangle

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



74.5582, 62.0120, 92.8339



75.6376, 62.0120, 51.8749



45.6720, 62.0120, 47.2856



44.9015, 62.0120, 86.0326

# Sweetspot

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



74.5595, 62.0144, 92.8352



88.3337, 87.4478, 103.9472



57.9145, 53.2174, 101.8273



18.6531, 18.2445, 22.0563



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.



74.5595, 62.0144, 92.8352



71.6186, 56.6668, 90.2081



69.7263, 60.0812, 67.3840



18.6531, 18.2445, 22.0563



27.8004, 13.6095, 33.9291



2.7402, 1.3384, 3.4791



# Inverse Universe

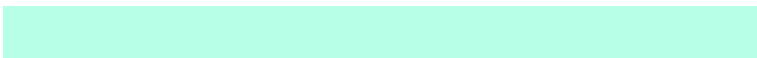
The Inverse Universe completely reimagines the original color for something new.



74.5595, 62.0144, 92.8352



71.6186, 56.6668, 90.2081



69.9997, 87.4995, 89.0495



18.6531, 18.2445, 22.0563



27.8004, 13.6095, 33.9291



2.7402, 1.3384, 3.4791



# Previews

## White Background



This preview shows how the XYZ color 74.5582, 62.0120, 92.8339 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

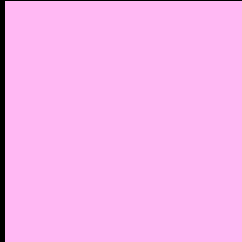
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.5582, 62.0120, 92.8339 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 74.5582, 62.0120, 92.8339**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.5582, 62.0120, 92.8339.



This preview shows how white text looks on a background with the XYZ color 74.5582, 62.0120,

92.8339.

# 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

74.5582, 62.0120, 92.8339

### Protanopia

62.3870, 62.4847, 103.3804

### Deuteranopia

63.7127, 62.3812, 91.1208



## Tritanopia

69.1957, 62.0418, 66.7208

# Trichromacy



## Original Color

74.5582, 62.0120, 92.8339



## Protanomaly

65.9941, 61.6493, 99.6880



## Deuteranomaly

67.0708, 61.7120, 91.5957



## Tritanomaly

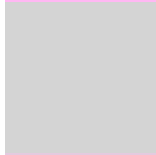
70.9143, 61.7764, 75.2043

# Monochromacy



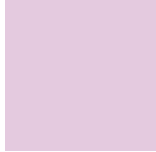
## Original Color

74.5582, 62.0120, 92.8339



## Achromatopsia

62.5785, 65.8375, 71.6970



## Achromatomaly

66.4347, 64.0628, 78.6759

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.5582, 62.0120, 92.8339 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 74.5582, 62.0120, 92.8339 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, 243) }
```



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

```
.border{ border-color:rgb(255, 184, 243) }
```

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, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.5582, 62.0120, 92.8339 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
184, 243) }
```

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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