

# Converting Colors

XYZ(73.9415, 60.7788, 92.6284)

Have a look what the booklet for  
XYZ(73.9415, 60.7788, 92.6284)  
contains.

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# Color

**XYZ(73.9415, 60.7788,  
92.6284)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFB5F3
RGB	255, 181, 243
RGB Percent	100%, 71%, 95%
CMY	0.0000, 0.2902, 0.0471
CMYK	0.00, 0.29, 0.05, 0.00
HSL	310°, 100%, 85%
HSV	310°, 29%, 100%
XYZ	73.9415, 60.7788, 92.6284
YIQ	210.1940, 24.2020, 34.9700

# Conversions

## Conversions Part 2

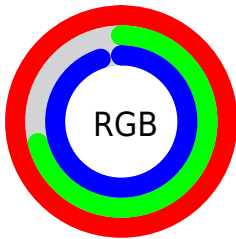
Format	Color
<a href="#">RYB</a>	<a href="#">255, 181, 243</a>
Decimal	<a href="#">16758259</a>
CIELab	<a href="#">82.26, 36.32, -20.09</a>
CIELCh	<a href="#">82, 41.508, 331.048</a>
Yxy	<a href="#">60.7788, 0.3252, 0.2673</a>
Android (android.graphics.Color)	<a href="#">4294948339</a> (0xFFFFB5F3)
YUV	<a href="#">210.1940, 16.1734, 39.2949</a>
Hunter-Lab	<a href="#">77.9608, 32.8661, -15.8724</a>

# Details

The XYZ color **73.9415, 60.7788, 92.6284** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4436, 85.1949, 63.5026**, and the grayscale version is **61.2733, 64.4643, 70.2016**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **39.5850, 30.6369, 50.8409** is the 20% darker color. If you saturate the color by 10%, you get **68.6059, 51.0955, 87.8041**, and if you desaturate by 10%, it is **80.2428, 72.3704, 97.8456**.

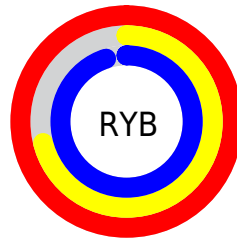
# Distribution



Red (100%)

Green (71%)

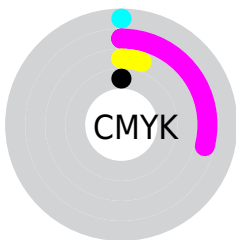
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

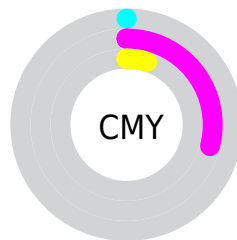


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9415, 60.7788, 92.6284 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 73.9415, 60.7788, 92.6284 by changing the saturation by 10% instead.





 73.9415, 60.7788,  
92.6284

 73.9415, 60.7788,  
92.6284


463.3249,  
427.4625, 557.3336

 55.0373, 44.0467,  
69.5767


 123.8088,  
105.9586, 152.9513

 39.6655, 30.7072,  
50.7069


155.5026,  
135.1750, 191.0596

 27.4609, 20.3760,  
35.6003


192.1903,  
169.3217, 235.0239

 18.0581, 12.6687,  
23.8384

234.2373,  
208.7831, 285.2626

 11.0916, 7.2008,  
15.0027

282.0089,  
253.9434, 342.1945

 6.1962, 3.5880,  
8.6746


335.8704,


 3.0066, 1.4459,


305.1871, 406.2379


4.4357


396.1873,  
362.8987, 477.8114


 1.1572, 0.2502,  
1.8673


 0.0722, 0.0000,  
0.4718

 73.9415, 60.7788,  
92.6284


 73.9415, 60.7788,  
92.6284

 68.6059, 51.0955,  
87.8041

 80.2428, 72.3704,  
97.8456

 64.1800, 43.2094,  
83.3512

 87.5537, 85.9587,  
103.4683

 60.6082, 37.0095,  
79.2516

95.0500, 100.0000,  
108.9000

 57.8272, 32.3691,  
75.4835

■ 55.7648, 29.1440,  
72.0226

■ 54.3353, 27.1627,  
68.8397

■ 53.4119, 26.1723,  
65.8922

■ 53.3328, 26.0971,  
65.6100

# Harmonies

## Analogous

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



66.9786, 60.7788, 117.2125



73.9415, 60.7788, 92.6284



76.4688, 60.7788, 65.2924

# Triad

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



73.9415, 60.7788, 92.6284



57.4584, 60.7788, 28.4840



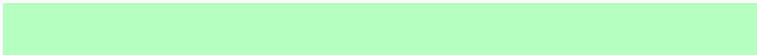
44.4045, 60.7788, 94.5694

# Complementary

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



73.9415, 60.7788, 92.6284



64.4436, 85.1949, 63.5026

# 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.



42.3961, 60.7788, 67.0712



73.9415, 60.7788, 92.6284



49.4438, 60.7788, 32.6391

# Square

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



73.9415, 60.7788, 92.6284



66.3867, 60.7788, 32.0870



44.1444, 60.7788, 45.3129



49.9303, 60.7788, 118.5193



# Rectangle

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



73.9415, 60.7788, 92.6284



75.1142, 60.7788, 50.2000



44.1444, 60.7788, 45.3129



43.3225, 60.7788, 85.2301

# Sweetspot

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



73.9429, 60.7813, 92.6297



87.5672, 85.9840, 103.4784



56.3399, 51.4903, 101.5769



18.5014, 17.9535, 21.9680



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.



73.9429, 60.7813, 92.6297



70.6375, 54.7643, 89.6969



69.0158, 58.8104, 66.6839



18.6587, 18.2468, 22.0858



27.9147, 13.6552, 34.5309



2.7503, 1.3425, 3.5323



# Inverse Universe

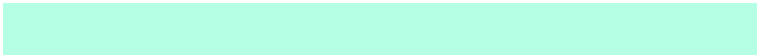
The Inverse Universe completely reimagines the original color for something new.



73.9429, 60.7813, 92.6297



70.6375, 54.7643, 89.6969



68.9745, 87.0073, 87.3622



18.6587, 18.2468, 22.0858



27.9147, 13.6552, 34.5309



2.7503, 1.3425, 3.5323



# Previews

## White Background



This preview shows how the XYZ color 73.9415, 60.7788, 92.6284 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

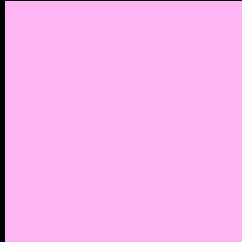
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.9415, 60.7788, 92.6284 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

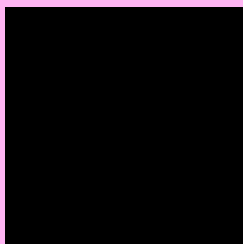
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.9415, 60.7788, 92.6284**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.9415, 60.7788, 92.6284.



This preview shows how white text looks on a background with the XYZ color 73.9415, 60.7788,



# 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

73.9415, 60.7788, 92.6284

### Protanopia

61.1442, 61.1383, 103.1860

### Deuteranopia

62.2467, 60.9504, 90.1452



## Tritanopia

68.1871, 60.6022, 64.6035

# Trichromacy



**Original Color**  
73.9415, 60.7788, 92.6284



**Protanomaly**  
64.9520, 60.4423, 99.5100



**Deuteranomaly**  
65.8495, 60.4388, 90.6333

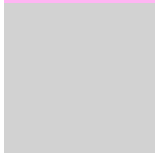


**Tritanomaly**  
70.1487, 60.4553, 74.3015

# Monochromacy



**Original Color**  
73.9415, 60.7788, 92.6284



**Achromatopsia**  
61.2578, 64.4480, 70.1838



**Achromatomaly**  
64.9723, 62.2895, 77.7059

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.9415, 60.7788, 92.6284 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, 181, 243) looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 73.9415, 60.7788, 92.6284 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, 181, 243) }
```



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

```
.border{ border-color:rgb(255, 181, 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, 181, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.9415, 60.7788, 92.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 243) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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