

# Converting Colors

XYZ(73.2492, 60.4394, 99.5695)

Have a look what the booklet for  
XYZ(73.2492, 60.4394, 99.5695)  
contains.

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# Color

**XYZ(73.3656, 60.6239,  
99.9303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9B6FC
RGB	249, 182, 252
RGB Percent	98%, 71%, 99%
CMY	0.0235, 0.2863, 0.0118
CMYK	0.01, 0.28, 0.00, 0.01
HSL	297°, 92%, 85%
HSV	297°, 28%, 99%
XYZ	73.3656, 60.6239, 99.9303
YIQ	210.0130, 17.4620, 35.9740

# Conversions

## Conversions Part 2

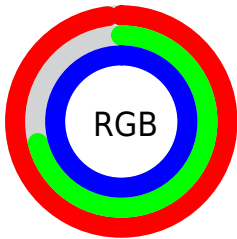
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 182, 252
Decimal	16365308
CIE <sub>Lab</sub>	82.18, 35.48, -25.09
CIE <sub>LCh</sub>	82, 43.459, 324.735
Y <sub>xy</sub>	60.6239, 0.3136, 0.2592
Android (android.graphics.Color)	4294555388 (0xFFFF9B6FC)
Y <sub>UV</sub>	210.0130, 20.6996, 34.1916
Hunter-Lab	77.8614, 31.9360, -21.5922

# Details

The XYZ color **73.3656, 60.6239, 99.9303** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.2635, 83.3140, 57.0058**, and the grayscale version is **61.1292, 64.3126, 70.0365**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **39.3077, 30.5849, 55.4615** is the 20% darker color. If you saturate the color by 10%, you get **68.2787, 51.0187, 98.3453**, and if you desaturate by 10%, it is **79.3871, 72.0927, 101.8275**.

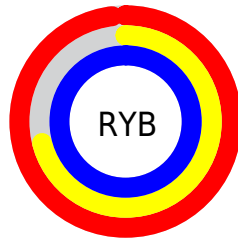
# Distribution



Red (98%)

Green (71%)

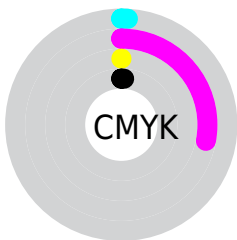
Blue (99%)



Red (98%)

Yellow (71%)

Blue (99%)

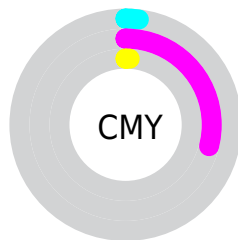


Cyan (1%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (2%)

Magenta (29%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3656, 60.6239, 99.9303 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 73.3656, 60.6239, 99.9303 by changing the saturation by 10% instead.





 73.3656, 60.6239,  
99.9303

 73.3656, 60.6239,  
99.9303


461.3651,  
426.8936, 581.2140

 54.5644, 43.9217,  
75.6258


 122.9964,  
105.7342, 163.1124

 39.2855, 30.6090,  
55.6209

154.5568,  
134.9111, 202.8271

 27.1637, 20.3013,  
39.4971


191.1009,  
169.0150, 248.5156

 17.8334, 12.6142,  
26.8358

232.9941,  
208.4303, 300.5964

 10.9294, 7.1634,  
17.2186

280.6017,  
253.5414, 359.4881

 6.0863, 3.5645,  
10.2269


334.2892,


 2.9388, 1.4331,


304.7328, 425.6093


5.4421

394.4219,  
362.3887, 499.3784


 1.1215, 0.2409,  
2.4457


 0.0430, 0.0000,  
0.8112

 73.3656, 60.6239,  
99.9303


 73.3656, 60.6239,  
99.9303

 68.2787, 51.0187,  
98.3453


 79.3871, 72.0927,  
101.8275


 64.0708, 43.1695,  
97.0520

 86.3837, 85.5094,  
104.0485

 60.6895, 36.9700,  
96.0336

 93.5632, 99.2889,  
106.3298

 58.0741, 32.2992,  
95.2699

 93.9559, 99.4913,  
106.3481

■ 56.1558, 29.0193, 94.3508, 99.6949,  
94.7379 106.3666

■ 54.8535, 26.9681, 94.5709, 99.8083,  
94.4107 106.3769

■ 54.0588, 25.9289,  
94.2520

■ 53.9158, 25.7649,  
94.2278

# Harmonies

## Analogous

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



65.3731, 60.6239, 123.7928



73.3656, 60.6239, 99.9303



77.1686, 60.6239, 70.7856

# Triad

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



73.3656, 60.6239, 99.9303



59.2657, 60.6239, 27.2215



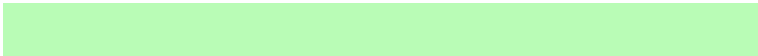
42.9543, 60.6239, 89.6499

# Complementary

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



73.3656, 60.6239, 99.9303



63.2635, 83.3140, 57.0058

# 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.



41.6895, 60.6239, 61.4525



73.3656, 60.6239, 99.9303



50.5077, 60.6239, 29.7622

# Square

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



73.3656, 60.6239, 99.9303



68.4908, 60.6239, 32.5908



44.3077, 60.6239, 40.7908



47.9671, 60.6239, 116.8321



# Rectangle

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



73.3656, 60.6239, 99.9303



76.5519, 60.6239, 53.9036



44.3077, 60.6239, 40.7908



42.1010, 60.6239, 79.8036

# Sweetspot

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



73.3675, 60.6265, 99.9316



88.5631, 87.5025, 106.8296



54.3184, 51.8838, 99.2481



18.7112, 18.2584, 22.7880



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.



73.3675, 60.6265, 99.9316



72.5104, 56.8717, 101.7634



69.8594, 59.3478, 75.8333



17.9152, 17.4844, 21.8159



28.1185, 13.4383, 49.0854



2.6264, 1.2560, 4.5472



# Inverse Universe

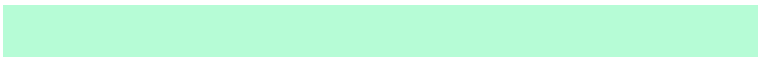
The Inverse Universe completely reimagines the original color for something new.



65.6318, 57.6568, 53.5712



63.4591, 53.4030, 47.2409



66.1777, 84.3970, 76.0887



17.2747, 17.2373, 18.0366



20.9562, 10.7982, 1.2119



1.9512, 1.0042, 0.1663



# Previews

## White Background



This preview shows how the XYZ color 73.3656, 60.6239, 99.9303 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

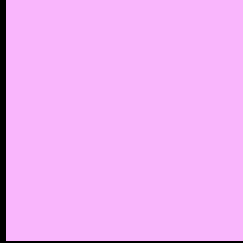
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.3656, 60.6239, 99.9303 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

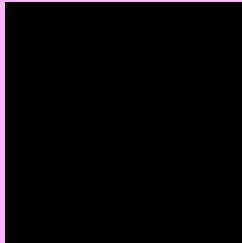
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.3656, 60.6239, 99.9303**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.3656, 60.6239, 99.9303.



This preview shows how white text looks on a background with the XYZ color 73.3656, 60.6239,



# 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

73.3656, 60.6239, 99.9303

### Protanopia

60.8918, 61.0082, 103.1742

### Deuteranopia

62.3818, 60.8446, 98.0788



## Tritanopia

66.7335, 60.7725, 66.6056

# Trichromacy



## Original Color

73.3656, 60.6239, 99.9303



## Protanomaly

64.5559, 60.1830, 101.9800



## Deuteranomaly

65.8405, 60.2577, 98.6032



## Tritanomaly

68.9587, 60.7066, 77.8951

# Monochromacy



## Original Color

73.3656, 60.6239, 99.9303



## Achromatopsia

61.2578, 64.4480, 70.1838



## Achromatomaly

64.9854, 62.5921, 79.8905

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.3656, 60.6239, 99.9303 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(249, 182, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 182, 252)  
}
```

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(249, 182, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 182, 252) }
```

## Border

The CSS property to change the border of an element to XYZ 73.3656, 60.6239, 99.9303 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(249, 182, 252) }
```



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

```
.border{ border-color:rgb(249, 182, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 182, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 182, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 182, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 182,  
252) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.3656, 60.6239, 99.9303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 182, 252) }
```

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

```
.background{ background-color: rgb(249,  
182, 252) }
```

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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