

Converting Colors

XYZ(73.9429, 60.7813, 92.6297)

Have a look what the booklet for
XYZ(73.9429, 60.7813, 92.6297)
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

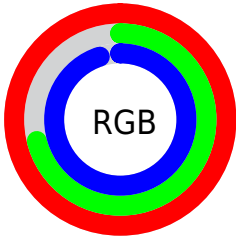
Format	Color
R _Y B	255, 181, 243
Decimal	16758259
CIE Lab	82.26, 36.32, -20.09
CIE LCh	82, 41.508, 331.048
Yxy	60.7788, 0.3252, 0.2673
Android (android.graphics.Color)	4294948339 (0xFFFFB5F3)
YUV	210.1940, 16.1734, 39.2949
Hunter-Lab	77.9608, 32.8661, -15.8724

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**.

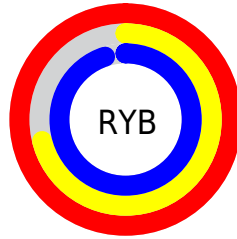
Distribution



Red (100%)

Green (71%)

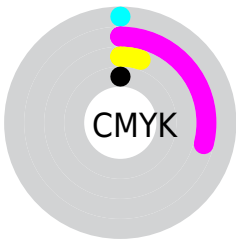
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

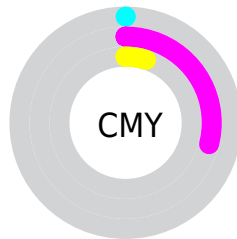


Cyan (0%)

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



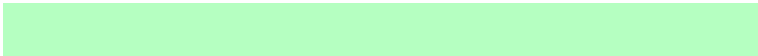
44.4045, 60.7788, 94.5694

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

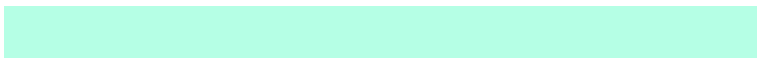
The Inverse Universe completely reimagines the original color for something new.



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

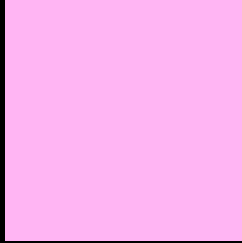
Large Text (above 18pt) WCAG AA × Fail

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

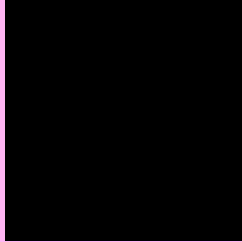
Large Text (above 18pt) WCAG AAA ✓ Pass

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

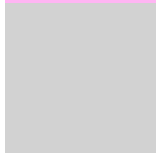
70.1487, 60.4553, 74.3015

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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