

Converting Colors

XYZ(72.9689, 59.5838, 89.9913)

Have a look what the booklet for
XYZ(72.9689, 59.5838, 89.9913)
contains.

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Color

**XYZ(73.0883, 59.7915,
90.1268)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F0
RGB	255, 179, 240
RGB Percent	100%, 70%, 94%
CMY	0.0000, 0.2980, 0.0588
CMYK	0.00, 0.30, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 30%, 100%
XYZ	73.0883, 59.7915, 90.1268
YIQ	208.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

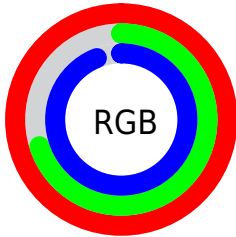
Format	Color
R _Y B	255, 179, 240
Decimal	16757744
CIE Lab	81.72, 36.85, -19.29
CIE LCh	82, 41.597, 332.365
Yxy	59.7915, 0.3277, 0.2681
Android (android.graphics.Color)	4294947824 (0xFFFFB3F0)
YUV	208.6780, 15.4417, 40.6244
Hunter-Lab	77.3250, 33.4012, -14.9785

Details

The XYZ color **73.0883, 59.7915, 90.1268** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.0899, 84.9997, 64.0705**, and the grayscale version is **60.2869, 63.4265, 69.0714**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **39.0113, 29.9982, 49.0815** is the 20% darker color. If you saturate the color by 10%, you get **67.7050, 50.2048, 84.6952**, and if you desaturate by 10%, it is **79.4399, 71.2813, 95.9851**.

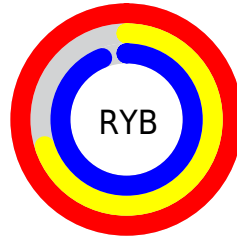
Distribution



Red (100%)

Green (70%)

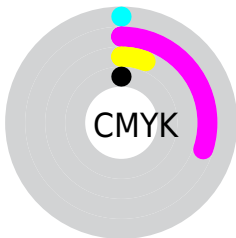
Blue (94%)



Red (100%)

Yellow (70%)

Blue (94%)

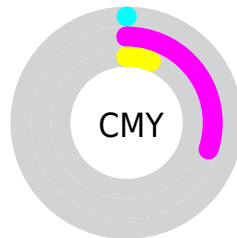


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0883, 59.7915, 90.1268 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 73.0883, 59.7915, 90.1268 by changing the saturation by 10% instead.


 73.0883, 59.7915,
90.1268

 73.0883, 59.7915,
90.1268


460.4198,
423.8288, 549.0240

 54.3368, 43.2506,
67.5115


 122.6050,
104.5272, 149.4516

 39.1027, 30.0818,
49.0362


154.1009,
133.4907, 186.9981

 27.0207, 19.9007,
34.2824


190.5757,
167.3639, 230.3589

 17.7255, 12.3229,
22.8315

232.3947,
206.5312, 279.9523

 10.8516, 6.9640,
14.2650

279.9232,
251.3769, 336.1970

 6.0337, 3.4396,
8.1644

333.5267,

 2.9064, 1.3653,

302.2855, 399.5115

4.1110

393.5705,
359.6413, 470.3143

■ 1.1045, 0.1909,
1.6865

■ 0.0289, 0.0000,
0.3514

■ 73.0883, 59.7915,
90.1268

■ 73.0883, 59.7915,
90.1268

■ 67.7050, 50.2048,
84.6952

■ 79.4399, 71.2813,
95.9851

■ 63.2338, 42.4094,
79.6682

■ 86.8043, 84.7633,
102.2834

■ 59.6185, 36.2934,
75.0274

95.0500, 100.0000,
108.9000

■ 56.7953, 31.7290,
70.7503

■ 54.6908, 28.5700,
66.8118

■ 53.2179, 26.6424,
63.1821

■ 52.2372, 25.6677,
59.8136

■ 52.2197, 25.6519,
59.7484

Harmonies

Analogous

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



66.3273, 59.7915, 114.9128



73.0883, 59.7915, 90.1268



75.3661, 59.7915, 63.1336

Triad

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



73.0883, 59.7915, 90.1268



56.1382, 59.7915, 27.8330



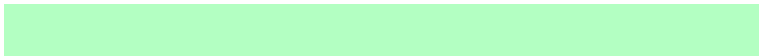
43.7625, 59.7915, 94.4750

Complementary

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



73.0883, 59.7915, 90.1268



64.0899, 84.9997, 64.0705

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.



41.6135, 59.7915, 67.1125



73.0883, 59.7915, 90.1268



48.2856, 59.7915, 32.2781

Square

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



73.0883, 59.7915, 90.1268



65.0025, 59.7915, 31.0479



43.1815, 59.7915, 45.2009



49.3730, 59.7915, 117.8430

Rectangle

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



73.0883, 59.7915, 90.1268



73.8648, 59.7915, 48.4256



43.1815, 59.7915, 45.2009



42.6390, 59.7915, 85.2268

Sweetspot

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



73.0896, 59.7939, 90.1280



87.4399, 85.9331, 102.8078



56.1478, 50.7919, 101.4522



18.4699, 17.9409, 21.8018



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.



73.0896, 59.7939, 90.1280



69.6415, 53.6330, 86.7117



68.1492, 57.8177, 64.1122



18.6299, 18.2353, 21.9344



27.3402, 13.4254, 31.5056



2.6994, 1.3221, 3.2643

Inverse Universe

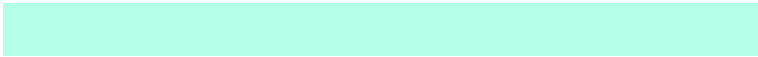
The Inverse Universe completely reimagines the original color for something new.



73.0896, 59.7939, 90.1280



69.6415, 53.6330, 86.7117



68.7664, 86.8703, 88.6966



18.6299, 18.2353, 21.9344



27.3402, 13.4254, 31.5056



2.6994, 1.3221, 3.2643

Previews

White Background



This preview shows how the XYZ color 73.0883, 59.7915, 90.1268 looks on a white background.

Color Contrast Check

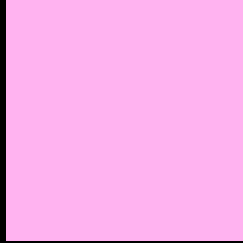
Large Text (above 18pt) WCAG AA × Fail

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 73.0883, 59.7915, 90.1268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

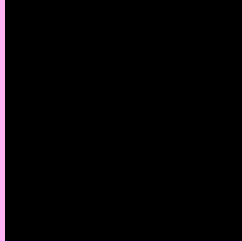
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0883, 59.7915, 90.1268

Background



This preview shows how black text looks on a background with the XYZ color 73.0883, 59.7915, 90.1268.



This preview shows how white text looks on a background with the XYZ color 73.0883, 59.7915,

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

73.0883, 59.7915, 90.1268

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.5762, 60.3129, 87.7530



Tritanopia

67.5259, 59.6589, 63.2147

Trichromacy



Original Color

73.0883, 59.7915, 90.1268



Protanomaly

64.0568, 59.3382, 98.5197



Deuteranomaly

65.1870, 59.8213, 88.2317



Tritanomaly

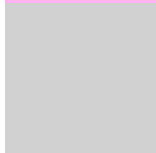
69.3441, 59.4687, 72.1138

Monochromacy



Original Color

73.0883, 59.7915, 90.1268



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.4764, 61.7242, 76.2258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0883, 59.7915, 90.1268 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, 179, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 240)  
}
```

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, 179, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 240) }
```

Border

The CSS property to change the border of an element to XYZ 73.0883, 59.7915, 90.1268 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, 179, 240) }
```


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

```
.border{ border-color:rgb(255, 179, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 179, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0883, 59.7915, 90.1268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 240) }
```

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

```
.background{ background-color: rgb(255,  
179, 240) }
```

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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