

Converting Colors

XYZ(73.3245, 59.7259, 91.8641)

Have a look what the booklet for
XYZ(73.3245, 59.7259, 91.8641)
contains.

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Color

**XYZ(73.3871, 59.9110,
91.7005)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F2
RGB	255, 179, 242
RGB Percent	100%, 70%, 95%
CMY	0.0000, 0.2980, 0.0510
CMYK	0.00, 0.30, 0.05, 0.00
HSL	310°, 100%, 85%
HSV	310°, 30%, 100%
XYZ	73.3871, 59.9110, 91.7005
YIQ	208.9060, 25.0730, 35.7050

Conversions

Conversions Part 2

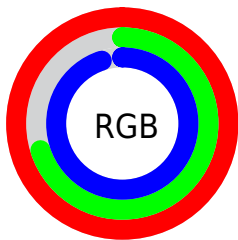
Format	Color
R _Y B	255, 179, 242
Decimal	16757746
CIE _{Lab}	81.79, 37.19, -20.27
CIE _{LCh}	82, 42.358, 331.412
Y _{xy}	59.9110, 0.3262, 0.2663
Android (android.graphics.Color)	4294947826 (0xFFFFB3F2)
YUV	208.9060, 16.3153, 40.4244
Hunter-Lab	77.4022, 33.7868, -16.0609

Details

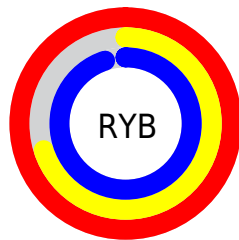
The XYZ color **73.3871, 59.9110, 91.7005** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.8667, 84.9104, 62.8951**, and the grayscale version is **60.4300, 63.5770, 69.2354**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **39.2225, 30.0827, 50.1937** is the 20% darker color. If you saturate the color by 10%, you get **68.0939, 50.3603, 86.7429**, and if you desaturate by 10%, it is **79.6436, 71.3627, 97.0578**.

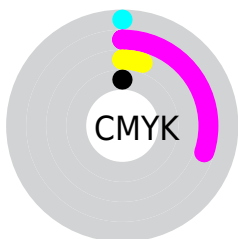
Distribution



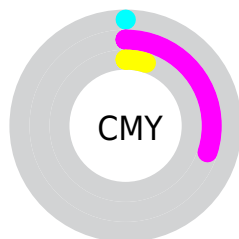
- Red (100%)
- Green (70%)
- Blue (95%)



- Red (100%)
- Yellow (70%)
- Blue (95%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3871, 59.9110, 91.7005 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 73.3871, 59.9110, 91.7005 by changing the saturation by 10% instead.


 73.3871, 59.9110,
91.7005

 73.3871, 59.9110,
91.7005


461.4384,
424.2696, 554.2593

 54.5820, 43.3469,
68.8103


 123.0268,
104.7006, 151.6543

 39.2997, 30.1574,
50.0864

154.5921,
133.6948, 189.5550

 27.1747, 19.9581,
35.1104


191.1416,
167.6012, 233.2962

 17.8418, 12.3646,
23.4637

233.0405,
206.8042, 283.2965

 10.9354, 6.9925,
14.7278

280.6543,
251.6881, 339.9744

 6.0904, 3.4574,
8.4840


334.3483,


 2.9413, 1.3749,


302.6374, 403.7485


4.3140


394.4879,
360.0365, 475.0373


 1.1228, 0.1981,
1.7992


 0.0441, 0.0000,
0.4274

 73.3871, 59.9110,
91.7005


 73.3871, 59.9110,
91.7005

 68.0939, 50.3603,
86.7429


 79.6436, 71.3627,
97.0578

 63.7076, 42.5989,
82.1635

 86.9077, 84.8046,
102.8278

 60.1723, 36.5149,
77.9437

95.0500, 100.0000,
108.9000

 57.4241, 31.9805,
74.0618

■ 55.3898, 28.8496,
70.4928

■ 53.9823, 26.9481,
67.2071

■ 53.0622, 25.9977,
64.1578

■ 53.0458, 25.9823,
64.0987

Harmonies

Analogous

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



66.3677, 59.9110, 116.8324



73.3871, 59.9110, 91.7005



75.8874, 59.9110, 64.0288

Triad

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



73.3871, 59.9110, 91.7005



56.5216, 59.9110, 27.3933



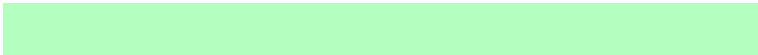
43.5131, 59.9110, 94.3591

Complementary

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



73.3871, 59.9110, 91.7005



63.8667, 84.9104, 62.8951

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.



41.4480, 59.9110, 66.4519



73.3871, 59.9110, 91.7005



48.4567, 59.9110, 31.6267

Square

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



73.3871, 59.9110, 91.7005



65.5596, 59.9110, 30.8848



43.1604, 59.9110, 44.4217



49.1177, 59.9110, 118.6283

Rectangle

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



73.3871, 59.9110, 91.7005



74.4678, 59.9110, 48.8798



43.1604, 59.9110, 44.4217



42.4099, 59.9110, 84.8784

Sweetspot

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



73.3885, 59.9134, 91.7017



87.5350, 85.9711, 103.3088



55.8264, 50.6262, 101.4372



18.4934, 17.9503, 21.9259



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.



73.3885, 59.9134, 91.7017



69.9967, 53.7751, 88.5824



68.3009, 57.8784, 64.9108



18.6514, 18.2439, 22.0475



27.7666, 13.5959, 33.7512



2.7372, 1.3372, 3.4634

Inverse Universe

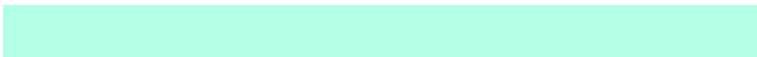
The Inverse Universe completely reimagines the original color for something new.



73.3885, 59.9134, 91.7017



69.9967, 53.7751, 88.5824



68.5882, 86.7990, 87.7581



18.6514, 18.2439, 22.0475



27.7666, 13.5959, 33.7512



2.7372, 1.3372, 3.4634

Previews

White Background



This preview shows how the XYZ color 73.3871, 59.9110, 91.7005 looks on a white background.

Color Contrast Check

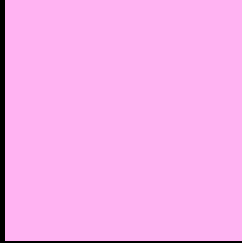
Large Text (above 18pt) WCAG AA × Fail

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 73.3871, 59.9110, 91.7005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

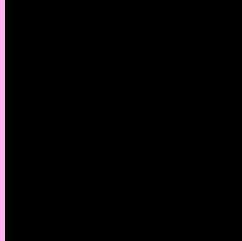
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3871, 59.9110, 91.7005

Background



This preview shows how black text looks on a background with the XYZ color 73.3871, 59.9110, 91.7005.



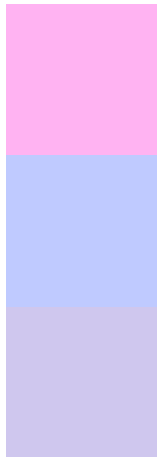
This preview shows how white text looks on a background with the XYZ color 73.3871, 59.9110,

91.7005.

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

73.3871, 59.9110, 91.7005

Protanopia

60.6564, 60.5374, 103.0957

Deuteranopia

61.5882, 60.2853, 89.2791



Tritanopia

67.7373, 60.0817, 63.2851

Trichromacy



Original Color

73.3871, 59.9110, 91.7005



Protanomaly

64.2787, 59.7818, 98.5937



Deuteranomaly

65.1701, 59.7786, 89.7649



Tritanomaly

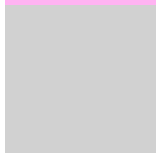
69.6800, 59.9343, 72.8617

Monochromacy



Original Color

73.3871, 59.9110, 91.7005



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.6093, 61.7774, 76.9256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3871, 59.9110, 91.7005 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.3871, 59.9110, 91.7005 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, 242) }
```


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

```
.border{ border-color:rgb(255, 179, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3871, 59.9110, 91.7005 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
179, 242) }
```

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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