

Converting Colors

XYZ(73.7963, 60.8269, 91.5362)

Have a look what the booklet for
XYZ(73.7963, 60.8269, 91.5362)
contains.

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Color

**XYZ(73.7909, 60.7186,
91.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F2
RGB	255, 181, 242
RGB Percent	100%, 71%, 95%
CMY	0.0000, 0.2902, 0.0510
CMYK	0.00, 0.29, 0.05, 0.00
HSL	311°, 100%, 85%
HSV	311°, 29%, 100%
XYZ	73.7909, 60.7186, 91.8351
YIQ	210.0800, 24.5230, 34.6590

Conversions

Conversions Part 2

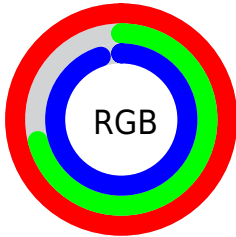
Format	Color
R _Y B	255, 181, 242
Decimal	16758258
CIE Lab	82.23, 36.15, -19.61
CIE LCh	82, 41.123, 331.525
Yxy	60.7186, 0.3260, 0.2683
Android (android.graphics.Color)	4294948338 (0xFFFFB5F2)
YUV	210.0800, 15.7366, 39.3948
Hunter-Lab	77.9221, 32.6726, -15.3307

Details

The XYZ color **73.7909, 60.7186, 91.8351** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.5556, 85.2397, 64.0923**, and the grayscale version is **61.2011, 64.3884, 70.1189**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **39.4783, 30.5942, 50.2789** is the 20% darker color. If you saturate the color by 10%, you get **68.4081, 51.0164, 86.7624**, and if you desaturate by 10%, it is **80.1418, 72.3300, 97.3134**.

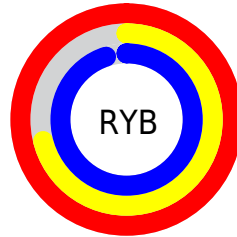
Distribution



Red (100%)

Green (71%)

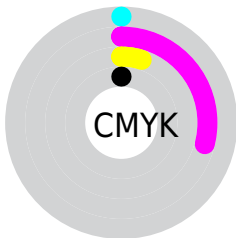
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

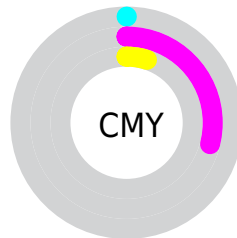


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7909, 60.7186, 91.8351 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 73.7909, 60.7186, 91.8351 by changing the saturation by 10% instead.


 73.7909, 60.7186,
91.8351

 73.7909, 60.7186,
91.8351


462.8128,
427.2415, 554.7058

 54.9136, 43.9981,
68.9214


 123.5964,
105.8714, 151.8425

 39.5661, 30.6690,
50.1763


155.2554,
135.0725, 189.7734

 27.3831, 20.3469,
35.1814


191.9056,
169.2025, 233.5470

 17.9992, 12.6475,
23.5180

233.9124,
208.6460, 283.5819

 11.0491, 7.1863,
14.7675

281.6412,
253.7872, 340.2967

 6.1674, 3.5789,
8.5116

335.4573,

 2.9888, 1.4409,

305.0106, 404.1100

4.3316

395.7260,
362.7006, 475.4402

■ 1.1478, 0.2466,
1.8090

■ 0.0646, 0.0000,
0.4339

■ 73.7909, 60.7186,
91.8351

■ 73.7909, 60.7186,
91.8351

■ 68.4081, 51.0164,
86.7624

■ 80.1418, 72.3300,
97.3134

■ 63.9374, 43.1124,
82.0737

■ 87.5047, 85.9391,
103.2101

■ 60.3232, 36.8955,
77.7507

95.0500, 100.0000,
108.9000

■ 57.5021, 32.2391,
73.7716

■ 55.4020, 28.9989,
70.1119

■ 53.9369, 27.0034,
66.7422

■ 52.9804, 25.9997,
63.6198

■ 52.8982, 25.9233,
63.3211

Harmonies

Analogous

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



66.9578, 60.7186, 116.2482



73.7909, 60.7186, 91.8351



76.2064, 60.7186, 64.8392

Triad

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



73.7909, 60.7186, 91.8351



57.2650, 60.7186, 28.7096



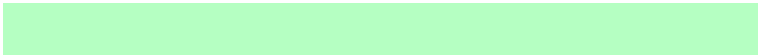
44.5309, 60.7186, 94.6258

Complementary

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



73.7909, 60.7186, 91.8351



64.5556, 85.2397, 64.0923

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.



42.4804, 60.7186, 67.4018



73.7909, 60.7186, 91.8351



49.3576, 60.7186, 32.9707

Square

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



73.7909, 60.7186, 91.8351



66.1059, 60.7186, 32.1714



44.1556, 60.7186, 45.7061



50.0591, 60.7186, 118.1248

Rectangle

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



73.7909, 60.7186, 91.8351



74.8106, 60.7186, 49.9698



44.1556, 60.7186, 45.7061



43.4387, 60.7186, 85.4032

Sweetspot

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



73.7923, 60.7211, 91.8364



87.5183, 85.9644, 103.2206



56.6538, 51.6522, 101.5916



18.4893, 17.9486, 21.9041



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.



73.7923, 60.7211, 91.8364



70.4583, 54.6926, 88.7534



68.8657, 58.7504, 65.8933



18.6476, 18.2424, 22.0276



27.6904, 13.5655, 33.3500



2.7304, 1.3346, 3.4279

Inverse Universe

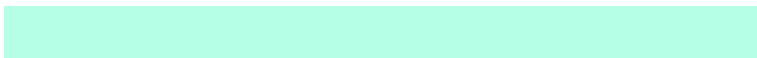
The Inverse Universe completely reimagines the original color for something new.



73.7923, 60.7211, 91.8364



70.4583, 54.6926, 88.7534



69.1475, 87.0765, 88.2730



18.6476, 18.2424, 22.0276



27.6904, 13.5655, 33.3500



2.7304, 1.3346, 3.4279

Previews

White Background



This preview shows how the XYZ color 73.7909, 60.7186, 91.8351 looks on a white background.

Color Contrast Check

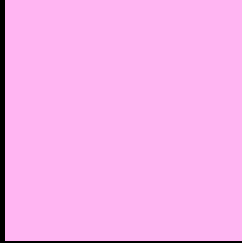
Large Text (above 18pt) WCAG AA × Fail

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 73.7909, 60.7186, 91.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

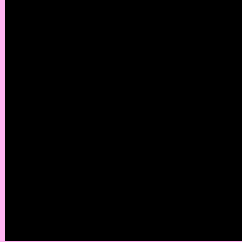
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7909, 60.7186, 91.8351

Background



This preview shows how black text looks on a background with the XYZ color 73.7909, 60.7186, 91.8351.



This preview shows how white text looks on a background with the XYZ color 73.7909, 60.7186,

91.8351.

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

73.7909, 60.7186, 91.8351

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.3814, 61.0369, 89.3824



Tritanopia

68.1871, 60.6022, 64.6035

Trichromacy



Original Color

73.7909, 60.7186, 91.8351



Protanomaly

64.7948, 60.3794, 98.6818



Deuteranomaly

66.0140, 60.5407, 89.8676



Tritanomaly

70.0182, 60.4031, 73.6142

Monochromacy



Original Color

73.7909, 60.7186, 91.8351



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 73.7909, 60.7186, 91.8351 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.7909, 60.7186, 91.8351 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, 242) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7909, 60.7186, 91.8351 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, 242) }
```

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

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