

Converting Colors

XYZ(73.1548, 58.8508, 93.4590)

Have a look what the booklet for
XYZ(73.1548, 58.8508, 93.4590)
contains.

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Color

**XYZ(73.0945, 58.8423,
93.0932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0F4
RGB	255, 176, 244
RGB Percent	100%, 69%, 96%
CMY	0.0000, 0.3098, 0.0431
CMYK	0.00, 0.31, 0.04, 0.00
HSL	308°, 100%, 85%
HSV	308°, 31%, 100%
XYZ	73.0945, 58.8423, 93.0932
YIQ	207.3730, 25.2560, 37.8960

Conversions

Conversions Part 2

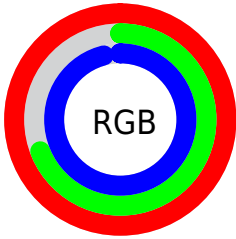
Format	Color
R _Y B	255, 176, 244
Decimal	16756980
CIE Lab	81.20, 39.10, -22.23
CIE LCh	81, 44.981, 330.385
Yxy	58.8423, 0.3248, 0.2615
Android (android.graphics.Color)	4294947060 (0xFFFFB0F4)
YUV	207.3730, 18.0571, 41.7689
Hunter-Lab	76.7087, 35.8494, -18.2578

Details

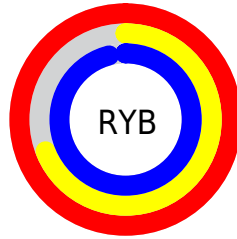
The XYZ color **73.0945, 58.8423, 93.0932** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.6359, 84.3388, 59.9941**, and the grayscale version is **59.4257, 62.5204, 68.0847**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **39.0626, 29.4202, 51.1968** is the 20% darker color. If you saturate the color by 10%, you get **68.0224, 49.5525, 88.7689**, and if you desaturate by 10%, it is **79.1185, 70.0190, 97.7877**.

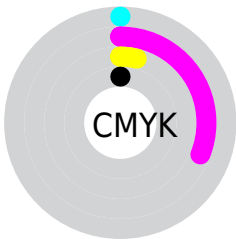
Distribution



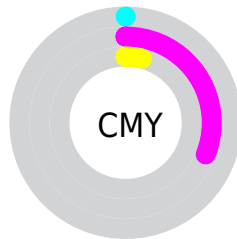
- Red (100%)
- Green (69%)
- Blue (96%)



- Red (100%)
- Yellow (69%)
- Blue (96%)



- Cyan (0%)
- Magenta (31%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0945, 58.8423, 93.0932 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 73.0945, 58.8423, 93.0932 by changing the saturation by 10% instead.


 73.0945, 58.8423,
93.0932

 73.0945, 58.8423,
93.0932


460.4410,
420.3173, 558.8700

 54.3419, 42.4862,
69.9609


 122.6138,
103.1484, 153.6005

 39.1068, 29.4822,
51.0180


154.1111,
131.8672, 191.8125

 27.0239, 19.4459,
35.8461


190.5875,
165.4757, 235.8881

 17.7279, 11.9929,
24.0266

232.4081,
204.3583, 286.2460

 10.8533, 6.7388,
15.1410

279.9384,
248.8993, 343.3046

 6.0348, 3.2993,
8.7707

333.5438,

 2.9071, 1.2899,

299.4832, 407.4824

4.4971

393.5895,
356.4944, 479.1980

■ 1.1048, 0.1334,
1.9018

■ 0.0292, 0.0000,
0.4939

■ 73.0945, 58.8423,
93.0932

■ 73.0945, 58.8423,
93.0932

■ 68.0224, 49.5525,
88.7689

■ 79.1185, 70.0190,
97.7877

■ 63.8458, 42.0373,
84.7932

■ 86.1393, 83.1728,
102.8652

■ 60.5079, 36.1830,
81.1477

■ 94.2036, 98.3965,
108.3423

■ 57.9439, 31.8602,
77.8106

■ 95.0500, 100.0000,
108.9000

■ 56.0793, 28.9201,
74.7568

■ 54.8251, 27.1845,
71.9562

■ 54.0914, 26.4006,
69.6047

Harmonies

Analogous

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



65.5424, 58.8423, 119.6697



73.0945, 58.8423, 93.0932



75.9431, 58.8423, 63.7236

Triad

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



73.0945, 58.8423, 93.0932



55.8070, 58.8423, 25.0896



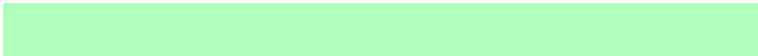
41.7838, 58.8423, 93.8647

Complementary

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



73.0945, 58.8423, 93.0932



62.6359, 84.3388, 59.9941

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.



39.7800, 58.8423, 64.4161



73.0945, 58.8423, 93.0932



47.3027, 58.8423, 29.0758

Square

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



73.0945, 58.8423, 93.0932



65.3099, 58.8423, 28.8718



41.6843, 58.8423, 41.8078



47.4903, 58.8423, 120.1956

Rectangle

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



73.0945, 58.8423, 93.0932



74.5688, 58.8423, 47.7279



41.6843, 58.8423, 41.8078



40.6853, 58.8423, 83.7703

Sweetspot

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



73.0958, 58.8446, 93.0944



87.6504, 86.0173, 103.9164



53.9572, 48.7796, 101.1793



18.5221, 17.9617, 22.0766



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.



73.0958, 58.8446, 93.0944



69.9302, 53.0302, 90.4467



67.7823, 56.7192, 65.1142



18.6775, 18.2543, 22.1847



28.3059, 13.8116, 36.5907



2.7847, 1.3563, 3.7136

Inverse Universe

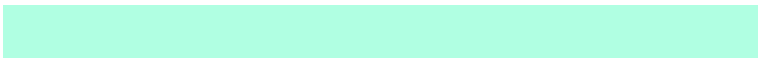
The Inverse Universe completely reimagines the original color for something new.



73.0958, 58.8446, 93.0944



69.9302, 53.0302, 90.4467



67.3981, 86.2437, 85.0714



18.6775, 18.2543, 22.1847



28.3059, 13.8116, 36.5907



2.7847, 1.3563, 3.7136

Previews

White Background



This preview shows how the XYZ color 73.0945, 58.8423, 93.0932 looks on a white background.

Color Contrast Check

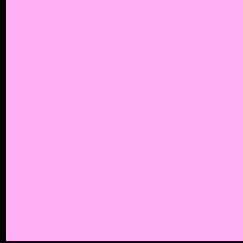
Large Text (above 18pt) WCAG AA × Fail

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 73.0945, 58.8423, 93.0932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

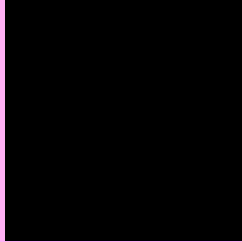
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0945, 58.8423, 93.0932

Background



This preview shows how black text looks on a background with the XYZ color 73.0945, 58.8423, 93.0932.



This preview shows how white text looks on a background with the XYZ color 73.0945, 58.8423,

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

73.0945, 58.8423, 93.0932

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.3230, 58.9203, 90.6315



Tritanopia

66.7247, 58.9612, 61.8967

Trichromacy



Original Color

73.0945, 58.8423, 93.0932



Protanomaly

63.1948, 58.2237, 99.1744



Deuteranomaly

64.1990, 58.2757, 91.0838



Tritanomaly

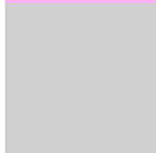
68.7774, 58.8714, 72.0283

Monochromacy



Original Color

73.0945, 58.8423, 93.0932



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

63.3987, 60.4945, 76.0453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0945, 58.8423, 93.0932 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, 176, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 244)  
}
```

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, 176, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 244) }
```

Border

The CSS property to change the border of an element to XYZ 73.0945, 58.8423, 93.0932 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, 176, 244) }
```


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

```
.border{ border-color:rgb(255, 176, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0945, 58.8423, 93.0932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 244) }
```

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

```
.background{ background-color: rgb(255,  
176, 244) }
```

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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