

Converting Colors

XYZ(73.4459, 58.8983, 98.7643)

Have a look what the booklet for
XYZ(73.4459, 58.8983, 98.7643)
contains.

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Color

**XYZ(73.4459, 58.8983,
98.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB0FB
RGB	253, 176, 251
RGB Percent	99%, 69%, 98%
CMY	0.0078, 0.3098, 0.0157
CMYK	0.00, 0.30, 0.01, 0.01
HSL	302°, 95%, 84%
HSV	302°, 30%, 99%
XYZ	73.4459, 58.8983, 98.7643
YIQ	207.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

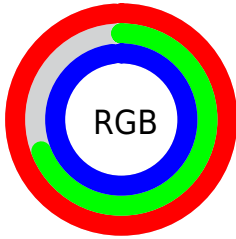
Format	Color
RYB	253, 176, 251
Decimal	16625915
CIELab	81.24, 39.71, -25.95
CIElCh	81, 47.435, 326.828
Yxy	58.8983, 0.3178, 0.2549
Android (android.graphics.Color)	4294815995 (0xFFFD B0FB)
YUV	207.5730, 21.4095, 39.8395
Hunter-Lab	76.7452, 36.5220, -22.5793

Details

The XYZ color **73.4459, 58.8983, 98.7643** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.0680, 82.6969, 54.8662**, and the grayscale version is **59.5356, 62.6361, 68.2107**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **39.2028, 29.4162, 54.6506** is the 20% darker color. If you saturate the color by 10%, you get **68.8371, 49.8452, 96.7183**, and if you desaturate by 10%, it is **78.9832, 69.8056, 101.1229**.

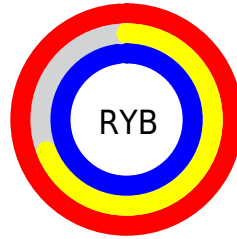
Distribution



Red (99%)

Green (69%)

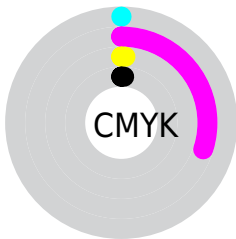
Blue (98%)



Red (99%)

Yellow (69%)

Blue (98%)

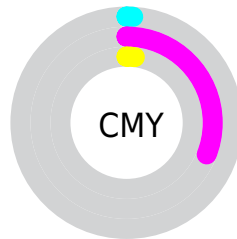


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4459, 58.8983, 98.7643 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 73.4459, 58.8983, 98.7643 by changing the saturation by 10% instead.


 73.4459, 58.8983,
98.7643

 73.4459, 58.8983,
98.7643


461.6387,
420.5249, 577.4364

 54.6303, 42.5313,
74.6578


 123.1097,
103.2298, 161.4950

 39.3385, 29.5175,
54.8326

154.6887,
131.9631, 200.9564

 27.2051, 19.4727,
38.8700


191.2529,
165.5873, 246.3731

 17.8647, 12.0123,
26.3516

233.1675,
204.4867, 298.1638

 10.9520, 6.7521,
16.8587

280.7981,
249.0458, 356.7469

 6.1016, 3.3075,
9.9729

334.5099,

 2.9482, 1.2943,

299.6489, 422.5410

5.2756

394.6683,
356.6805, 495.9647

■ 1.1264, 0.1368,
2.3483

■ 0.0471, 0.0000,
0.7581

■ 73.4459, 58.8983,
98.7643

■ 73.4459, 58.8983,
98.7643

■ 68.8371, 49.8452,
96.7183

■ 78.9832, 69.8056,
101.1229

■ 65.0998, 42.5355,
94.9639

■ 85.4908, 82.6541,
103.8060

■ 62.1793, 36.8588,
93.4835

■ 93.0148, 97.5349,
106.8297

■ 60.0125, 32.6891,
92.2562

■ 94.0988, 99.5350,
107.7086

■ 58.5271, 29.8816, 94.2041, 99.5772,
91.2577 108.2630

■ 57.6367, 28.2636, 94.3098, 99.6194,
90.4594 108.8193

■ 57.2089, 27.5631, 94.3186, 99.6229,
89.8386 108.8658

Harmonies

Analogous

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



65.0052, 58.8983, 126.0049



73.4459, 58.8983, 98.7643



77.1850, 58.8983, 67.1896

Triad

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



73.4459, 58.8983, 98.7643



57.0394, 58.8983, 23.6867



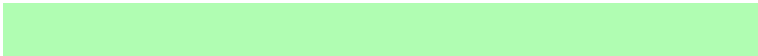
40.6748, 58.8983, 91.9691

Complementary

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



73.4459, 58.8983, 98.7643



61.0680, 82.6969, 54.8662

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.



39.0665, 58.8983, 61.1652



73.4459, 58.8983, 98.7643



47.8333, 58.8983, 26.7862

Square

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



73.4459, 58.8983, 98.7643



67.0384, 58.8983, 28.5047



41.5307, 58.8983, 38.7185



46.2118, 58.8983, 121.3387

Rectangle

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



73.4459, 58.8983, 98.7643



76.2169, 58.8983, 49.6264



41.5307, 58.8983, 38.7185



39.6872, 58.8983, 81.2159

Sweetspot

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



73.4478, 58.9009, 98.7656



88.0648, 86.1830, 106.0987



51.4536, 47.5259, 99.3913



18.6249, 18.0029, 22.6183



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.



73.4478, 58.9009, 98.7656



71.5816, 53.6907, 99.1425



68.0732, 56.7511, 70.4637



18.7711, 18.2918, 22.6777



30.4416, 14.6659, 47.8375



2.9702, 1.4305, 4.6905

Inverse Universe

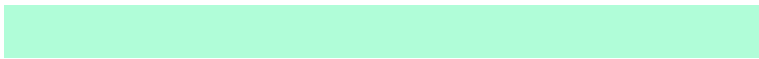
The Inverse Universe completely reimagines the original color for something new.



73.4478, 58.9009, 98.7656



71.5816, 53.6907, 99.1425



65.3986, 84.4292, 77.6709



18.7711, 18.2918, 22.6777



30.4416, 14.6659, 47.8375



2.9702, 1.4305, 4.6905

Previews

White Background



This preview shows how the XYZ color 73.4459, 58.8983, 98.7643 looks on a white background.

Color Contrast Check

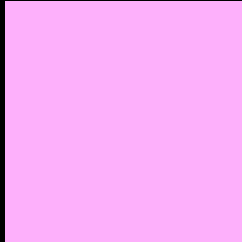
Large Text (above 18pt) WCAG AA × Fail

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 73.4459, 58.8983, 98.7643 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 73.4459, 58.8983, 98.7643

Background



This preview shows how black text looks on a background with the XYZ color 73.4459, 58.8983, 98.7643.



This preview shows how white text looks on a background with the XYZ color 73.4459, 58.8983,

98.7643.

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

73.4459, 58.8983, 98.7643

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.5358, 59.2457, 96.2407



Tritanopia

65.9903, 58.8808, 62.5306

Trichromacy



Original Color

73.4459, 58.8983, 98.7643



Protanomaly

63.6716, 58.4144, 101.6852



Deuteranomaly

64.5702, 58.6643, 96.7271



Tritanomaly

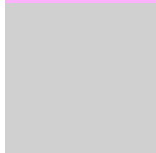
68.5811, 58.7101, 74.7354

Monochromacy



Original Color

73.4459, 58.8983, 98.7643



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.9349, 60.7090, 78.8693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4459, 58.8983, 98.7643 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(253, 176, 251)` looks like.

```
.text, #text, p{  
    color:rgb(253, 176, 251)  
}
```

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(253, 176, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 176, 251) }
```

Border

The CSS property to change the border of an element to XYZ 73.4459, 58.8983, 98.7643 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(253, 176, 251) }
```


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

```
.border{ border-color:rgb(253, 176, 251) }
```

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

Here you see how a box with a 4 pixel rgb(253, 176, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 176, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 176, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 176,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4459, 58.8983, 98.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 176, 251) }
```

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

```
.background{ background-color: rgb(253,  
176, 251) }
```

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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