

Converting Colors

XYZ(58.3345, 43.7633, 43.6806)

Have a look what the booklet for
XYZ(58.3345, 43.7633, 43.6806)
contains.

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Color

**XYZ(58.4131, 43.8452,
43.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FAB
RGB	255, 143, 171
RGB Percent	100%, 56%, 67%
CMY	0.0000, 0.4392, 0.3294
CMYK	0.00, 0.44, 0.33, 0.00
HSL	345°, 100%, 78%
HSV	345°, 44%, 100%
XYZ	58.4131, 43.8452, 43.9123
YIQ	179.6800, 57.7640, 32.4520

Conversions

Conversions Part 2

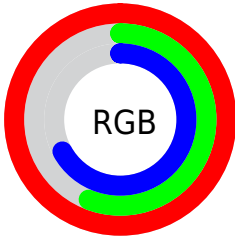
Format	Color
R_{YB}	255, 143, 171
Decimal	16748459
CIE _{Lab}	72.12, 45.25, 4.17
CIE _{LCh}	72, 45.446, 5.270
Yxy	43.8452, 0.3996, 0.3000
Android (android.graphics.Color)	4294938539 (0xFFFF8FAB)
YUV	179.6800, -4.2792, 66.0556
Hunter-Lab	66.2157, 41.5887, 7.0316

Details

The XYZ color **58.4131, 43.8452, 43.9123** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9549, 82.9067, 85.4675**, and the grayscale version is **43.2127, 45.4631, 49.5093**.

A 20% lighter version of the original color is **75.3909, 67.5978, 81.0257**, and **29.7509, 20.3800, 19.8185** is the 20% darker color. If you saturate the color by 10%, you get **53.3178, 36.3640, 33.8609**, and if you desaturate by 10%, it is **64.6446, 53.1761, 55.6448**.

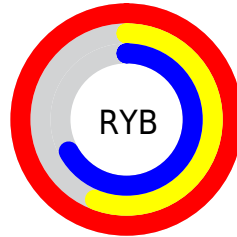
Distribution



Red (100%)

Green (56%)

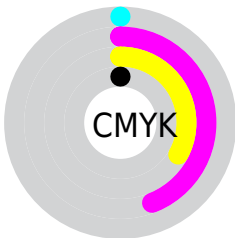
Blue (67%)



Red (100%)

Yellow (56%)

Blue (67%)

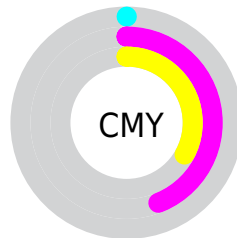


Cyan (0%)

Magenta (44%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4131, 43.8452, 43.9123 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 58.4131, 43.8452, 43.9123 by changing the saturation by 10% instead.


 58.4131, 43.8452,
43.9123


 58.4131, 43.8452,
43.9123


408.6526,
362.0762, 378.3812

 42.3854, 30.5488,
30.2649


 101.6437, 80.9848,
82.3868

 29.5956, 20.2555,
19.7860

 129.5773,
105.5967, 108.0510

 19.6784, 12.5809,
12.0570

162.2102,
134.7494, 138.5579

 12.2684, 7.1406,
6.6595

199.9079,
168.8271, 174.3259

 7.0002, 3.5502,
3.1749

243.0356,
208.2142, 215.7738

 3.5086, 1.4253,
1.1846

291.9587,

 1.4281, 0.2352,

253.2952, 263.3199

0.0000

347.0426,
304.4544, 317.3828

■ 0.2761, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4131, 43.8452,
43.9123

■ 58.4131, 43.8452,
43.9123

■ 53.3178, 36.3640,
33.8609

■ 64.6446, 53.1761,
55.6448

■ 49.2841, 30.6020,
25.4087

■ 72.0733, 64.4627,
69.1298

■ 46.2338, 26.4223,
18.4705

■ 80.7603, 77.8106,
84.4373

■ 44.0759, 23.6635,
12.9514

■ 90.7611, 93.3158,
101.6329

■ 42.7008, 22.1292, 95.0500, 100.0000,
8.7441 108.9000

■ 42.1580, 21.6272,
6.7643

Harmonies

Analogous

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



56.7895, 43.8452, 67.9968



58.4131, 43.8452, 43.9123



55.1174, 43.8452, 27.0302

Triad

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



58.4131, 43.8452, 43.9123



33.6194, 43.8452, 20.6110



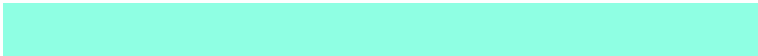
35.7241, 43.8452, 98.1774

Complementary

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



58.4131, 43.8452, 43.9123



60.9549, 82.9067, 85.4675

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.



30.6155, 43.8452, 76.9943



58.4131, 43.8452, 43.9123



29.5104, 43.8452, 31.9680

Square

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



58.4131, 43.8452, 43.9123



40.3147, 43.8452, 16.5267



28.4830, 43.8452, 51.7838



43.0626, 43.8452, 104.3634

Rectangle

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



58.4131, 43.8452, 43.9123



50.7892, 43.8452, 20.4789



28.4830, 43.8452, 51.7838



33.7196, 43.8452, 92.3099

Sweetspot

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



58.4143, 43.8474, 43.9131



81.6235, 79.1437, 85.9375



59.5526, 43.1982, 99.8070



17.0309, 16.2611, 17.6285



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.



58.4143, 43.8474, 43.9131



53.7406, 36.9777, 34.7164



60.7624, 52.3712, 32.8956



18.1956, 18.0615, 19.6471



22.0783, 11.3206, 3.7967



2.1912, 1.1188, 0.5881

Inverse Universe

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



58.4143, 43.8474, 43.9131



53.7406, 36.9777, 34.7164



56.8485, 67.9994, 104.7367



18.1956, 18.0615, 19.6471



22.0783, 11.3206, 3.7967



2.1912, 1.1188, 0.5881

Previews

White Background



This preview shows how the XYZ color 58.4131, 43.8452, 43.9123 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 58.4131, 43.8452, 43.9123 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 58.4131, 43.8452, 43.9123

Background



This preview shows how black text looks on a background with the XYZ color 58.4131, 43.8452, 43.9123.



This preview shows how white text looks on a background with the XYZ color 58.4131, 43.8452,

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

58.4131, 43.8452, 43.9123

Protanopia

42.9511, 44.1155, 54.9666

Deuteranopia

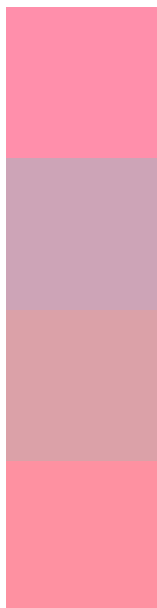
44.7345, 43.8848, 42.1892



Tritanopia

57.1527, 44.0289, 36.9386

Trichromacy



Original Color

58.4131, 43.8452, 43.9123

Protanomaly

46.9995, 42.9490, 50.6126

Deuteranomaly

49.0262, 43.3770, 42.8344

Tritanomaly

57.4315, 43.8948, 39.1638

Monochromacy



Original Color

58.4131, 43.8452, 43.9123

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

47.4867, 44.0772, 47.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4131, 43.8452, 43.9123 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, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 171)  
}
```

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, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.4131, 43.8452, 43.9123 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, 143, 171) }
```


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

```
.border{ border-color:rgb(255, 143, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4131, 43.8452, 43.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 171) }
```

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

```
.background{ background-color: rgb(255,  
143, 171) }
```

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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