

Converting Colors

XYZ(58.8482, 44.0243, 46.1885)

Have a look what the booklet for
XYZ(58.8482, 44.0243, 46.1885)
contains.

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Color

**XYZ(58.8003, 44.0001,
45.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FAF
RGB	255, 143, 175
RGB Percent	100%, 56%, 69%
CMY	0.0000, 0.4392, 0.3137
CMYK	0.00, 0.44, 0.31, 0.00
HSL	343°, 100%, 78%
HSV	343°, 44%, 100%
XYZ	58.8003, 44.0001, 45.9512
YIQ	180.1360, 56.4800, 33.6960

Conversions

Conversions Part 2

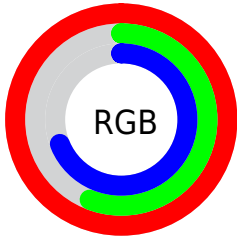
Format	Color
RYB	255, 143, 175
Decimal	16748463
CIELab	72.23, 45.74, 2.10
CIElCh	72, 45.793, 2.629
Yxy	44.0001, 0.3953, 0.2958
Android (android.graphics.Color)	4294938543 (0xFFFF8FAF)
YUV	180.1360, -2.5320, 65.6557
Hunter-Lab	66.3326, 42.1488, 5.3603

Details

The XYZ color **58.8003, 44.0001, 45.9512** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.4091, 82.6883, 82.5930**, and the grayscale version is **43.4486, 45.7113, 49.7796**.

A 20% lighter version of the original color is **75.9464, 67.8200, 83.9507**, and **29.9963, 20.4782, 21.1106** is the 20% darker color. If you saturate the color by 10%, you get **53.7281, 36.5281, 36.0213**, and if you desaturate by 10%, it is **64.9862, 53.3128, 57.4439**.

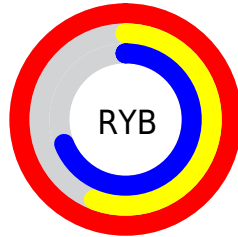
Distribution



Red (100%)

Green (56%)

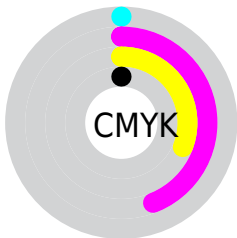
Blue (69%)



Red (100%)

Yellow (56%)

Blue (69%)

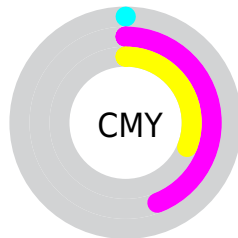


Cyan (0%)

Magenta (44%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8003, 44.0001, 45.9512 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 58.8003, 44.0001, 45.9512 by changing the saturation by 10% instead.


 58.8003, 44.0001,
45.9512


 58.8003, 44.0001,
45.9512


410.0674,
362.7087, 386.8843

 42.6981, 30.6706,
31.8589


 102.2037, 81.2179,
85.4795

 29.8418, 20.3481,
20.9898


 130.2355,
105.8750, 111.7526

 19.8660, 12.6484,
12.9254


162.9747,
135.0767, 142.9230

 12.4054, 7.1869,
7.2471

200.7866,
169.2074, 179.4093

 7.0946, 3.5792,
3.5363

244.0364,
208.6516, 221.6301

 3.5682, 1.4411,
1.3746

293.0896,

 1.4609, 0.2467,

253.7936, 270.0038

0.1218

348.3115,
305.0178, 324.9490

■ 0.2990, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8003, 44.0001,
45.9512

■ 58.8003, 44.0001,
45.9512

■ 53.7281, 36.5281,
36.0213

■ 64.9862, 53.3128,
57.4439

■ 49.6966, 30.7671,
27.5812

■ 72.3454, 64.5716,
70.5625

■ 46.6298, 26.5807,
20.5555

■ 80.9374, 77.8814,
85.3698

■ 44.4384, 23.8085,
14.8601

■ 90.8164, 93.3379,
101.9241

■ 43.0154, 22.2551, 95.0500, 100.0000,
10.4006 108.9000

■ 42.4376, 21.7390,
8.2362

Harmonies

Analogous

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



56.7226, 44.0001, 70.6802



58.8003, 44.0001, 45.9512



55.8777, 44.0001, 28.1613

Triad

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



58.8003, 44.0001, 45.9512



34.1923, 44.0001, 19.9279



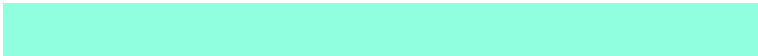
35.2526, 44.0001, 97.5182

Complementary

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



58.8003, 44.0001, 45.9512



60.4091, 82.6883, 82.5930

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.



30.3443, 44.0001, 75.2294



58.8003, 44.0001, 45.9512



29.7882, 44.0001, 30.6430

Square

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



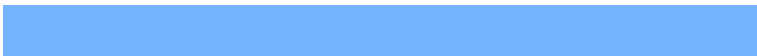
58.8003, 44.0001, 45.9512



41.1316, 44.0001, 16.3822



28.4718, 44.0001, 49.9209



42.5176, 44.0001, 105.4294

Rectangle

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



58.8003, 44.0001, 45.9512



51.6770, 44.0001, 21.0940



28.4718, 44.0001, 49.9209



33.3049, 44.0001, 91.1756

Sweetspot

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



58.8015, 44.0023, 45.9520



81.7905, 79.2105, 86.8170



57.8149, 42.3024, 99.7257



17.0718, 16.2774, 17.8436



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.



58.8015, 44.0023, 45.9520



54.1496, 37.1414, 36.8704



59.7269, 50.3003, 32.5504



18.2227, 18.0724, 19.7899



22.2297, 11.3812, 4.5940



2.2091, 1.1260, 0.6823

Inverse Universe

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



58.8015, 44.0023, 45.9520



54.1496, 37.1414, 36.8704



58.4051, 71.1127, 105.2556



18.2227, 18.0724, 19.7899



22.2297, 11.3812, 4.5940



2.2091, 1.1260, 0.6823

Previews

White Background



This preview shows how the XYZ color 58.8003, 44.0001, 45.9512 looks on a white background.

Color Contrast Check

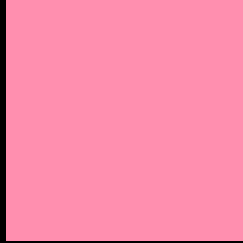
Large Text (above 18pt) WCAG AA × Fail

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 58.8003, 44.0001, 45.9512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

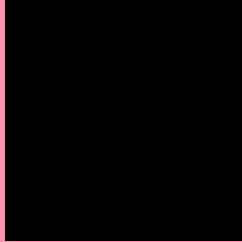
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8003, 44.0001, 45.9512

Background



This preview shows how black text looks on a background with the XYZ color 58.8003, 44.0001, 45.9512.



This preview shows how white text looks on a background with the XYZ color 58.8003, 44.0001,

45.9512.

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

58.8003, 44.0001, 45.9512

Protanopia

43.2802, 44.2209, 57.8841

Deuteranopia

45.0342, 44.2776, 44.2031



Tritanopia

56.8727, 43.8747, 37.3694

Trichromacy



Original Color

58.8003, 44.0001, 45.9512



Protanomaly

47.5294, 43.1609, 53.4028



Deuteranomaly

49.1047, 43.3737, 44.8136



Tritanomaly

57.6993, 44.0020, 40.5741

Monochromacy



Original Color

58.8003, 44.0001, 45.9512



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.5867, 44.1172, 48.1269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8003, 44.0001, 45.9512 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 175) }
```

Border

The CSS property to change the border of an element to XYZ 58.8003, 44.0001, 45.9512 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, 175) }
```


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

```
.border{ border-color:rgb(255, 143, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8003, 44.0001, 45.9512 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
143, 175) }
```

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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