

Converting Colors

XYZ(83.0239, 56.2943, 49.1915)

Have a look what the booklet for
XYZ(83.0239, 56.2943, 49.1915)
contains.

XYZ(59.0497, 43.8607, 48.0015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.0497, 43.8607,
48.0015)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EB3
RGB	255, 142, 179
RGB Percent	100%, 56%, 70%
CMY	0.0000, 0.4431, 0.2980
CMYK	0.00, 0.44, 0.30, 0.00
HSL	340°, 100%, 78%
HSV	340°, 44%, 100%
XYZ	59.0497, 43.8607, 48.0015
YIQ	180.0050, 55.4710, 35.4630

Conversions

Conversions Part 2

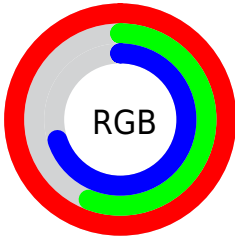
Format	Color
R_{YB}	255, 142, 179
Decimal	16748211
CIE _{Lab}	72.14, 46.75, -0.26
CIE _{LCh}	72, 46.749, 359.683
Yxy	43.8607, 0.3913, 0.2906
Android (android.graphics.Color)	4294938291 (0xFFFF8EB3)
YUV	180.0050, -0.4955, 65.7706
Hunter-Lab	66.2274, 43.2562, 3.3859

Details

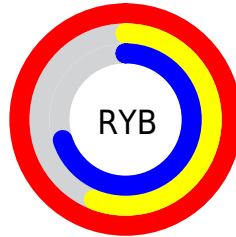
The XYZ color **59.0497, 43.8607, 48.0015** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.5722, 82.3337, 79.0861**, and the grayscale version is **43.3681, 45.6266, 49.6873**.

A 20% lighter version of the original color is **76.4295, 67.6463, 87.6260**, and **30.0206, 20.2216, 22.0596** is the 20% darker color. If you saturate the color by 10%, you get **54.0522, 36.4713, 38.3031**, and if you desaturate by 10%, it is **65.1329, 53.0760, 59.1272**.

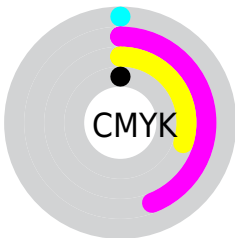
Distribution



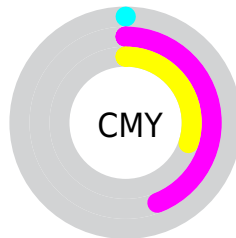
- Red (100%)
- Green (56%)
- Blue (70%)



- Red (100%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0497, 43.8607, 48.0015 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 59.0497, 43.8607, 48.0015 by changing the saturation by 10% instead.


 59.0497, 43.8607,
48.0015


 59.0497, 43.8607,
48.0015


410.9772,
362.1395, 395.3070

 42.8997, 30.5610,
33.4681


 102.5641, 81.0081,
88.5722

 30.0006, 20.2648,
22.2112


 130.6592,
105.6246, 115.4466

 19.9871, 12.5877,
13.8124

163.4666,
134.7821, 147.2717

 12.4939, 7.1452,
7.8530

201.3518,
168.8651, 184.4660

 7.1555, 3.5531,
3.9146

244.6801,
208.2580, 227.4482

 3.6068, 1.4269,
1.5786

293.8169,

 1.4822, 0.2364,

253.3451, 276.6367

0.2755

349.1274,
304.5108, 332.4501

■ 0.3137, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0497, 43.8607,
48.0015

■ 59.0497, 43.8607,
48.0015

■ 54.0522, 36.4713,
38.3031

■ 65.1329, 53.0760,
59.1272

■ 50.0693, 30.7784,
29.9681

■ 72.3603, 64.2226,
71.7353

■ 47.0261, 26.6457,
22.9307

■ 80.7900, 77.4050,
85.8808

■ 44.8351, 23.9125,
17.1175

■ 90.4750, 92.7185,
101.6148

■ 43.3906, 22.3825, 95.0500, 100.0000,
12.4461 108.9000

■ 42.8202, 21.8921,
10.2512

Harmonies

Analogous

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



56.4350, 43.8607, 73.6402



59.0497, 43.8607, 48.0015



56.5394, 43.8607, 29.0868

Triad

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



59.0497, 43.8607, 48.0015



34.5221, 43.8607, 18.7870



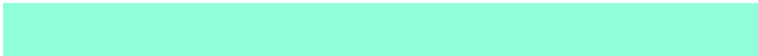
34.3921, 43.8607, 96.8044

Complementary

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



59.0497, 43.8607, 48.0015



59.5722, 82.3337, 79.0861

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.



29.6961, 43.8607, 73.0771



59.0497, 43.8607, 48.0015



29.7642, 43.8607, 28.7839

Square

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



59.0497, 43.8607, 48.0015



41.7736, 43.8607, 15.8502



28.1145, 43.8607, 47.5130



41.6031, 43.8607, 106.7823

Rectangle

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



59.0497, 43.8607, 48.0015



52.4600, 43.8607, 21.4167



28.1145, 43.8607, 47.5130



32.5023, 43.8607, 89.8632

Sweetspot

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



59.0508, 43.8628, 48.0023



81.9871, 79.2892, 87.8519



56.4392, 41.3713, 99.6185



17.1199, 16.2966, 18.0970



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.



59.0508, 43.8628, 48.0023



54.6481, 37.3408, 39.4956



58.8398, 48.6468, 31.8825



18.2545, 18.0851, 19.9576



22.4353, 11.4634, 5.6766



2.2323, 1.1353, 0.8047

Inverse Universe

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



59.0508, 43.8628, 48.0023



54.6481, 37.3408, 39.4956



59.2503, 73.0590, 105.5867



18.2545, 18.0851, 19.9576



22.4353, 11.4634, 5.6766



2.2323, 1.1353, 0.8047

Previews

White Background



This preview shows how the XYZ color 59.0497, 43.8607, 48.0015 looks on a white background.

Color Contrast Check

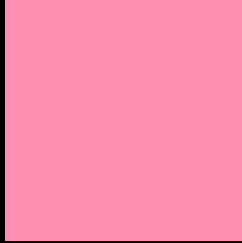
Large Text (above 18pt) WCAG AA × Fail

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 59.0497, 43.8607, 48.0015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

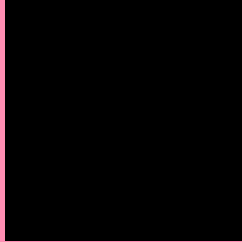
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0497, 43.8607, 48.0015

Background



This preview shows how black text looks on a background with the XYZ color 59.0497, 43.8607, 48.0015.



This preview shows how white text looks on a background with the XYZ color 59.0497, 43.8607,

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

59.0497, 43.8607, 48.0015

Protanopia

43.4062, 44.2195, 60.8910

Deuteranopia

44.9678, 43.9176, 46.1513



Tritanopia

56.8727, 43.8747, 37.3694

Trichromacy



Original Color

59.0497, 43.8607, 48.0015



Protanomaly

47.4185, 43.0532, 55.6800



Deuteranomaly

49.0226, 43.0279, 46.7957



Tritanomaly

57.7900, 44.0382, 41.0517

Monochromacy



Original Color

59.0497, 43.8607, 48.0015



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.6066, 43.8331, 49.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0497, 43.8607, 48.0015 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, 142, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 179)  
}
```

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, 142, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.0497, 43.8607, 48.0015 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, 142, 179) }
```


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

```
.border{ border-color:rgb(255, 142, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0497, 43.8607, 48.0015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 179) }
```

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

```
.background{ background-color: rgb(255,  
142, 179) }
```

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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