

Converting Colors

XYZ(68.3651, 49.0057, 47.7322)

Have a look what the booklet for
XYZ(68.3651, 49.0057, 47.7322)
contains.

XYZ(59.0983, 44.1193, 47.5205)	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(59.0983, 44.1193,
47.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FB2
RGB	255, 143, 178
RGB Percent	100%, 56%, 70%
CMY	0.0000, 0.4392, 0.3020
CMYK	0.00, 0.44, 0.30, 0.00
HSL	341°, 100%, 78%
HSV	341°, 44%, 100%
XYZ	59.0983, 44.1193, 47.5205
YIQ	180.4780, 55.5170, 34.6290

Conversions

Conversions Part 2

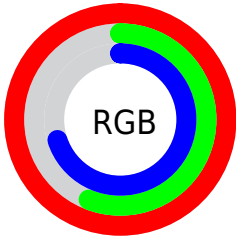
Format	Color
R_{YB}	255, 143, 178
Decimal	16748466
CIE _{Lab}	72.31, 46.12, 0.55
CIE _{LCh}	72, 46.123, 0.682
Yxy	44.1193, 0.3921, 0.2927
Android (android.graphics.Color)	4294938546 (0xFFFF8FB2)
YUV	180.4780, -1.2217, 65.3558
Hunter-Lab	66.4224, 42.5786, 4.0779

Details

The XYZ color **59.0983, 44.1193, 47.5205** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.0080, 82.5279, 80.4812**, and the grayscale version is **43.6261, 45.8980, 49.9829**.

A 20% lighter version of the original color is **76.5147, 68.0474, 86.9436**, and **30.1228, 20.5288, 21.7768** is the 20% darker color. If you saturate the color by 10%, you get **54.0468, 36.6556, 37.6997**, and if you desaturate by 10%, it is **65.2472, 53.4172, 58.8180**.

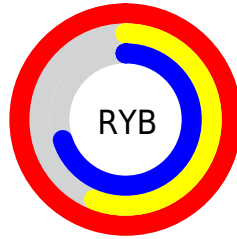
Distribution



Red (100%)

Green (56%)

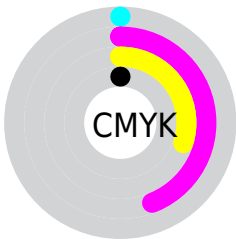
Blue (70%)



Red (100%)

Yellow (56%)

Blue (70%)

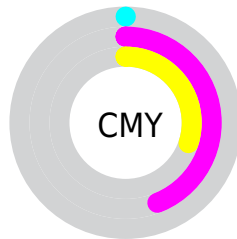


Cyan (0%)

Magenta (44%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0983, 44.1193, 47.5205 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 59.0983, 44.1193, 47.5205 by changing the saturation by 10% instead.


 59.0983, 44.1193,
47.5205


 59.0983, 44.1193,
47.5205


411.1543,
363.1949, 393.3421

 42.9389, 30.7643,
33.0900


 102.6343, 81.3972,
87.8481

 30.0315, 20.4194,
21.9237


 130.7417,
106.0890, 114.5824

 20.0107, 12.7003,
13.6031

163.5624,
135.3284, 146.2550

 12.5111, 7.2225,
7.7096

201.4619,
169.4999, 183.2845

 7.1675, 3.6016,
3.8246

244.8055,
208.9879, 226.0894

 3.6143, 1.4533,
1.5296

293.9585,

 1.4863, 0.2555,

254.1768, 275.0883

0.2398

349.2863,
305.4510, 330.6997

■ 0.3165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0983, 44.1193,
47.5205

■ 59.0983, 44.1193,
47.5205

■ 54.0468, 36.6556,
37.6997

■ 65.2472, 53.4172,
58.8180

■ 50.0209, 30.8968,
29.2887

■ 72.5519, 64.6542,
71.6498

■ 46.9455, 26.7070,
22.2184

■ 81.0710, 77.9349,
86.0735

■ 44.7332, 23.9264,
16.4123

■ 90.8580, 93.3545,
102.1429

■ 43.2780, 22.3601, 95.0500, 100.0000,
11.7838 108.9000

■ 42.6761, 21.8344,
9.4924

Harmonies

Analogous

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



56.6792, 44.1193, 72.7430



59.0983, 44.1193, 47.5205



56.4576, 44.1193, 29.0274

Triad

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



59.0983, 44.1193, 47.5205



34.6266, 44.1193, 19.4249



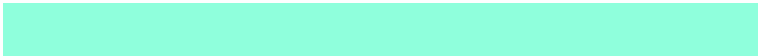
34.9040, 44.1193, 97.0434

Complementary

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



59.0983, 44.1193, 47.5205



60.0080, 82.5279, 80.4812

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.



30.1429, 44.1193, 73.9367



59.0983, 44.1193, 47.5205



29.9975, 44.1193, 29.6756

Square

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



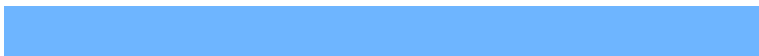
59.0983, 44.1193, 47.5205



41.7528, 44.1193, 16.2725



28.4636, 44.1193, 48.5601



42.1158, 44.1193, 106.2510

Rectangle

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



59.0983, 44.1193, 47.5205



52.3535, 44.1193, 21.5605



28.4636, 44.1193, 48.5601



32.9979, 44.1193, 90.3475

Sweetspot

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



59.0995, 44.1215, 47.5213



81.9165, 79.2609, 87.4805



57.2484, 42.0104, 99.6992



17.1026, 16.2897, 18.0060



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.



59.0995, 44.1215, 47.5213



54.4671, 37.2684, 38.5423



59.3916, 49.6297, 32.4387



18.2431, 18.0806, 19.8975



22.3580, 11.4325, 5.2699



2.2237, 1.1318, 0.7593

Inverse Universe

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



59.0995, 44.1215, 47.5213



54.4671, 37.2684, 38.5423



58.9352, 72.1727, 105.4323



18.2431, 18.0806, 19.8975



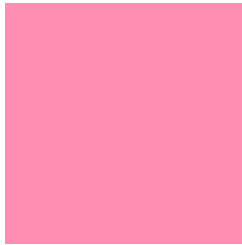
22.3580, 11.4325, 5.2699



2.2237, 1.1318, 0.7593

Previews

White Background



This preview shows how the XYZ color 59.0983, 44.1193, 47.5205 looks on a white background.

Color Contrast Check

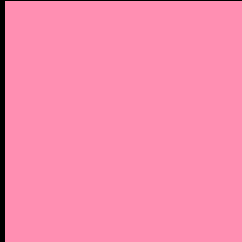
Large Text (above 18pt) WCAG AA × Fail

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 59.0983, 44.1193, 47.5205 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 59.0983, 44.1193, 47.5205

Background



This preview shows how black text looks on a background with the XYZ color 59.0983, 44.1193, 47.5205.



This preview shows how white text looks on a background with the XYZ color 59.0983, 44.1193,

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

59.0983, 44.1193, 47.5205

Protanopia

43.3976, 44.2418, 59.6783

Deuteranopia

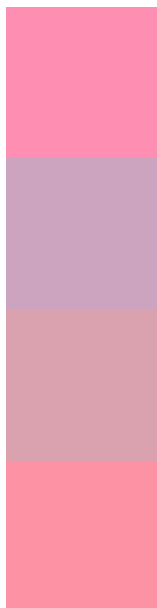
45.3213, 44.3925, 45.7151



Tritanopia

57.0275, 44.1844, 37.4211

Trichromacy



Original Color

59.0983, 44.1193, 47.5205

Protanomaly

47.5813, 43.1499, 55.1112

Deuteranomaly

49.3962, 43.4903, 46.3484

Tritanomaly

57.9435, 44.3452, 41.1028

Monochromacy



Original Color

59.0983, 44.1193, 47.5205

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

47.6875, 44.1575, 48.6577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0983, 44.1193, 47.5205 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 178) }
```

Border

The CSS property to change the border of an element to XYZ 59.0983, 44.1193, 47.5205 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, 178) }
```


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

```
.border{ border-color:rgb(255, 143, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0983, 44.1193, 47.5205 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, 178) }
```

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

```
.background{ background-color: rgb(255,  
143, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor