

Converting Colors

XYZ(75.0427, 52.6551, 48.9846)

Have a look what the booklet for
XYZ(75.0427, 52.6551, 48.9846)
contains.

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Color

**XYZ(59.3499, 44.4612,
48.1016)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90B3
RGB	255, 144, 179
RGB Percent	100%, 56%, 70%
CMY	0.0000, 0.4353, 0.2980
CMYK	0.00, 0.44, 0.30, 0.00
HSL	341°, 100%, 78%
HSV	341°, 44%, 100%
XYZ	59.3499, 44.4612, 48.1016
YIQ	181.1790, 54.9210, 34.4170

Conversions

Conversions Part 2

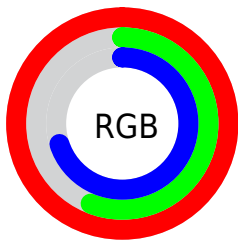
Format	Color
R _Y B	255, 144, 179
Decimal	16748723
CIE Lab	72.54, 45.74, 0.33
CIE LCh	73, 45.745, 0.408
Yxy	44.4612, 0.3907, 0.2927
Android (android.graphics.Color)	4294938803 (0xFFFF90B3)
YUV	181.1790, -1.0742, 64.7410
Hunter-Lab	66.6792, 42.1908, 3.9044

Details

The XYZ color **59.3499, 44.4612, 48.1016** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.1819, 82.6176, 80.4893**, and the grayscale version is **44.0038, 46.2955, 50.4158**.

A 20% lighter version of the original color is **76.8897, 68.5667, 87.7794**, and **30.2719, 20.7243, 22.1433** is the 20% darker color. If you saturate the color by 10%, you get **54.2591, 36.9289, 38.2369**, and if you desaturate by 10%, it is **65.5389, 53.8315, 59.4365**.

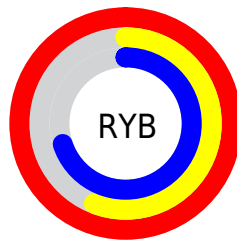
Distribution



Red (100%)

Green (56%)

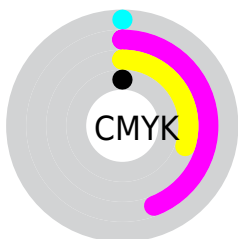
Blue (70%)



Red (100%)

Yellow (56%)

Blue (70%)

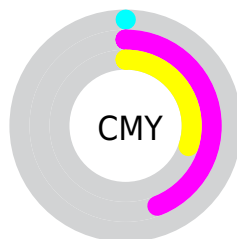


Cyan (0%)

Magenta (44%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3499, 44.4612, 48.1016 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 59.3499, 44.4612, 48.1016 by changing the saturation by 10% instead.


 59.3499, 44.4612,
48.1016


 59.3499, 44.4612,
48.1016


412.0706,
364.5870, 395.7150

 43.1423, 31.0332,
33.5468

 102.9978, 81.9113,
88.7228

 30.1918, 20.6242,
22.2711


 131.1687,
106.7022, 115.6262

 20.1330, 12.8496,
13.8560


164.0582,
136.0496, 147.4830

 12.6006, 7.3250,
7.8830


202.0315,
170.3378, 184.7116

 7.2292, 3.6662,
3.9335

245.4541,
209.9513, 227.7305

 3.6534, 1.4886,
1.5889

294.6912,

 1.5080, 0.2807,

255.2744, 276.9584

0.2829

350.1083,
306.6915, 332.8137

■ 0.3313, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3499, 44.4612,
48.1016

■ 59.3499, 44.4612,
48.1016

■ 54.2591, 36.9289,
38.2369

■ 65.5389, 53.8315,
59.4365

■ 50.1951, 31.1060,
29.7762

■ 72.8843, 65.1444,
72.2986

■ 47.0835, 26.8573,
22.6514

■ 81.4443, 78.5041,
86.7447

■ 44.8371, 24.0240,
16.7870

■ 91.2722, 94.0055,
102.8280

■ 43.3515, 22.4132, 95.0500, 100.0000,
12.0977 108.9000

■ 42.7027, 21.8451,
9.6323

Harmonies

Analogous

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



56.8990, 44.4612, 73.2408



59.3499, 44.4612, 48.1016



56.7672, 44.4612, 29.5541

Triad

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



59.3499, 44.4612, 48.1016



35.0244, 44.4612, 19.7403



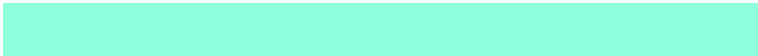
35.1899, 44.4612, 96.9752

Complementary

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



59.3499, 44.4612, 48.1016



60.1819, 82.6176, 80.4893

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.



30.4608, 44.4612, 73.9501



59.3499, 44.4612, 48.1016



30.3740, 44.4612, 29.9419

Square

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



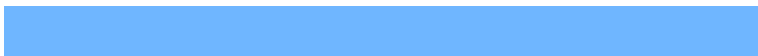
59.3499, 44.4612, 48.1016



42.1510, 44.4612, 16.6284



28.8113, 44.4612, 48.7211



42.3673, 44.4612, 106.2773

Rectangle

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



59.3499, 44.4612, 48.1016



52.7031, 44.4612, 22.0210



28.8113, 44.4612, 48.7211



33.2948, 44.4612, 90.2906

Sweetspot

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



59.3511, 44.4634, 48.1025



81.9298, 79.2663, 87.5504



57.4948, 42.3613, 99.7540



17.1059, 16.2910, 18.0231



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.



59.3511, 44.4634, 48.1025



54.9682, 37.9653, 39.6505



59.6138, 49.9523, 32.8881



18.2453, 18.0814, 19.9088



22.3723, 11.4382, 5.3449



2.2253, 1.1325, 0.7678

Inverse Universe

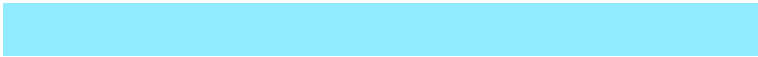
The Inverse Universe completely reimagines the original color for something new.



59.3511, 44.4634, 48.1025



54.9682, 37.9653, 39.6505



59.1614, 72.3671, 105.4579



18.2453, 18.0814, 19.9088



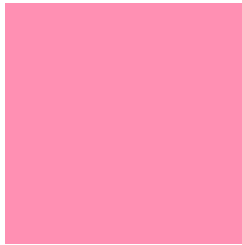
22.3723, 11.4382, 5.3449



2.2253, 1.1325, 0.7678

Previews

White Background



This preview shows how the XYZ color 59.3499, 44.4612, 48.1016 looks on a white background.

Color Contrast Check

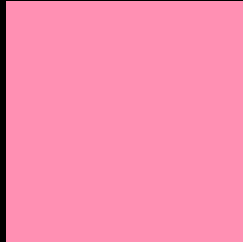
Large Text (above 18pt) WCAG AA × Fail

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 59.3499, 44.4612, 48.1016 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 59.3499, 44.4612, 48.1016

Background



This preview shows how black text looks on a background with the XYZ color 59.3499, 44.4612, 48.1016.



This preview shows how white text looks on a background with the XYZ color 59.3499, 44.4612,

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

59.3499, 44.4612, 48.1016

Protanopia

43.9354, 44.7979, 60.3640

Deuteranopia

45.4185, 44.4314, 46.2267



Tritanopia

57.3559, 44.5657, 38.3799

Trichromacy



Original Color

59.3499, 44.4612, 48.1016



Protanomaly

48.1464, 43.6952, 55.7656



Deuteranomaly

49.6702, 43.8807, 46.9262



Tritanomaly

58.1897, 44.6914, 41.6358

Monochromacy



Original Color

59.3499, 44.4612, 48.1016



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.2533, 44.7104, 49.2668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3499, 44.4612, 48.1016 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, 144, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 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, 144, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.3499, 44.4612, 48.1016 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, 144, 179) }
```


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

```
.border{ border-color:rgb(255, 144, 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, 144, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3499, 44.4612, 48.1016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 179) }
```

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

```
.background{ background-color: rgb(255,  
144, 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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