

Converting Colors

XYZ(62.2322, 46.6505, 48.8300)

Have a look what the booklet for
XYZ(62.2322, 46.6505, 48.8300)
contains.

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Color

**XYZ(59.9119, 45.4227,
48.7898)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93B4
RGB	255, 147, 180
RGB Percent	100%, 58%, 71%
CMY	0.0000, 0.4235, 0.2941
CMYK	0.00, 0.42, 0.29, 0.00
HSL	342°, 100%, 79%
HSV	342°, 42%, 100%
XYZ	59.9119, 45.4227, 48.7898
YIQ	183.0540, 53.7750, 33.1590

Conversions

Conversions Part 2

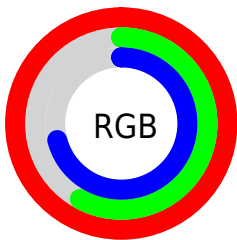
Format	Color
R _Y B	255, 147, 180
Decimal	16749492
CIE Lab	73.17, 44.36, 0.70
CIE LCh	73, 44.363, 0.898
Yxy	45.4227, 0.3887, 0.2947
Android (android.graphics.Color)	4294939572 (0xFFFF93B4)
YUV	183.0540, -1.5056, 63.0966
Hunter-Lab	67.3964, 40.7337, 4.2560

Details

The XYZ color **59.9119, 45.4227, 48.7898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.9794, 82.9979, 81.9176**, and the grayscale version is **45.0279, 47.3728, 51.5890**.

A 20% lighter version of the original color is **77.7363, 70.0280, 88.7765**, and **30.5984, 21.2735, 22.5722** is the 20% darker color. If you saturate the color by 10%, you get **54.6867, 37.6773, 38.7087**, and if you desaturate by 10%, it is **66.2488, 55.0222, 60.3797**.

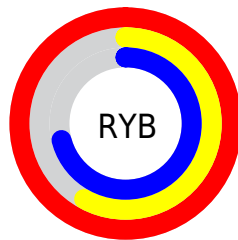
Distribution



Red (100%)

Green (58%)

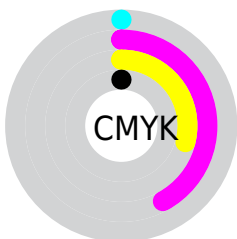
Blue (71%)



Red (100%)

Yellow (58%)

Blue (71%)

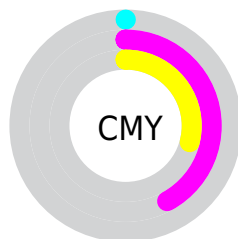


Cyan (0%)

Magenta (42%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9119, 45.4227, 48.7898 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 59.9119, 45.4227, 48.7898 by changing the saturation by 10% instead.


 59.9119, 45.4227,
48.7898


 59.9119, 45.4227,
48.7898


414.1129,
368.4828, 398.5129

 43.5968, 31.7905,
34.0883


 103.8089, 83.3544,
89.7569

 30.5502, 21.2015,
22.6836

 132.1216,
108.4226, 116.8597

 20.4067, 13.2714,
14.1569


165.1641,
138.0717, 148.9333

 12.8010, 7.6157,
8.0899

203.3020,
172.6859, 186.3963

 7.3677, 3.8500,
4.0639

246.9004,
212.6498, 229.6672

 3.7415, 1.5900,
1.6605

296.3248,

 1.5569, 0.3509,

258.3476, 279.1646

0.3334

351.9405,
310.1638, 335.3069

■ 0.3641, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9119, 45.4227,
48.7898

■ 59.9119, 45.4227,
48.7898

■ 54.6867, 37.6773,
38.7087

■ 66.2488, 55.0222,
60.3797

■ 50.5022, 31.6585,
30.0686

■ 73.7554, 66.5792,
73.5367

■ 47.2845, 27.2330,
22.7998

■ 82.4897, 80.1971,
88.3191

■ 44.9478, 24.2450,
16.8251

■ 92.5048, 95.9704,
104.7815

■ 43.3896, 22.5063, 95.0500, 100.0000,
12.0580 108.9000

■ 42.6118, 21.8087,
9.1540

Harmonies

Analogous

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



57.5966, 45.4227, 73.3402



59.9119, 45.4227, 48.7898



57.3132, 45.4227, 30.5691

Triad

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



59.9119, 45.4227, 48.7898



35.9423, 45.4227, 21.0654



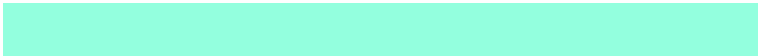
36.3025, 45.4227, 97.0908

Complementary

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



59.9119, 45.4227, 48.7898



60.9794, 82.9979, 81.9176

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.



31.5736, 45.4227, 74.8615



59.9119, 45.4227, 48.7898



31.3839, 45.4227, 31.4200

Square

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



59.9119, 45.4227, 48.7898



42.9391, 45.4227, 17.8123



29.8841, 45.4227, 50.1315



43.4076, 45.4227, 105.8053

Rectangle

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



59.9119, 45.4227, 48.7898



53.3046, 45.4227, 23.1176



29.8841, 45.4227, 50.1315



34.4140, 45.4227, 90.6773

Sweetspot

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



59.9131, 45.4249, 48.7907



81.8838, 79.2479, 87.3082



58.2434, 43.4307, 99.9209



17.0946, 16.2865, 17.9638



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.



59.9131, 45.4249, 48.7907



55.3300, 38.6197, 39.9844



60.2901, 50.9330, 34.2600



18.2378, 18.0784, 19.8696



22.3235, 11.4187, 5.0882



2.2198, 1.1303, 0.7388

Inverse Universe

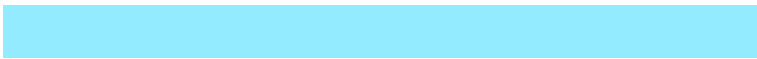
The Inverse Universe completely reimagines the original color for something new.



59.9131, 45.4249, 48.7907



55.3300, 38.6197, 39.9844



59.8498, 72.9556, 105.5352



18.2378, 18.0784, 19.8696



22.3235, 11.4187, 5.0882



2.2198, 1.1303, 0.7388

Previews

White Background



This preview shows how the XYZ color 59.9119, 45.4227, 48.7898 looks on a white background.

Color Contrast Check

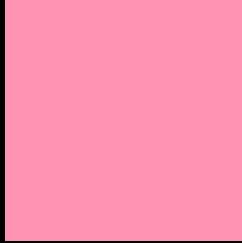
Large Text (above 18pt) WCAG AA × Fail

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 59.9119, 45.4227, 48.7898 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 59.9119, 45.4227, 48.7898

Background



This preview shows how black text looks on a background with the XYZ color 59.9119, 45.4227, 48.7898.



This preview shows how white text looks on a background with the XYZ color 59.9119, 45.4227,

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

59.9119, 45.4227, 48.7898

Protanopia

44.7890, 45.8287, 60.5180

Deuteranopia

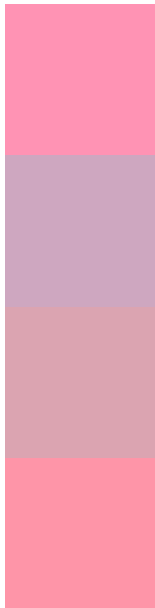
46.4271, 45.5094, 46.8947



Tritanopia

57.8474, 45.2685, 39.4070

Trichromacy



Original Color

59.9119, 45.4227, 48.7898

Protanomaly

48.7867, 44.5650, 55.8997

Deuteranomaly

50.4247, 44.7853, 47.5817

Tritanomaly

58.6884, 45.3929, 42.7143

Monochromacy



Original Color

59.9119, 45.4227, 48.7898

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

49.1127, 45.6822, 50.4850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9119, 45.4227, 48.7898 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, 147, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 180)  
}
```

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, 147, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 180) }
```

Border

The CSS property to change the border of an element to XYZ 59.9119, 45.4227, 48.7898 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, 147, 180) }
```


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

```
.border{ border-color:rgb(255, 147, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9119, 45.4227, 48.7898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 180) }
```

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

```
.background{ background-color: rgb(255,  
147, 180) }
```

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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