

Converting Colors

XYZ(60.8405, 49.8872, 59.8306)

Have a look what the booklet for
XYZ(60.8405, 49.8872, 59.8306)
contains.

XYZ(60.7767, 49.8612, 59.8470)	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(60.7767, 49.8612,
59.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A4C6
RGB	244, 164, 198
RGB Percent	96%, 64%, 78%
CMY	0.0431, 0.3568, 0.2235
CMYK	0.00, 0.33, 0.19, 0.04
HSL	335°, 78%, 80%
HSV	335°, 33%, 96%
XYZ	60.7767, 49.8612, 59.8470
YIQ	191.7960, 36.7660, 27.5340

Conversions

Conversions Part 2

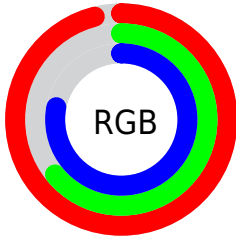
Format	Color
RYB	244, 164, 198
Decimal	16032966
CIELab	75.98, 34.28, -5.24
CIELCh	76, 34.676, 351.315
Yxy	49.8612, 0.3565, 0.2925
Android (android.graphics.Color)	4294223046 (0xFFFF4A4C6)
YUV	191.7960, 3.0586, 45.7829
Hunter-Lab	70.6125, 30.0645, -0.8220

Details

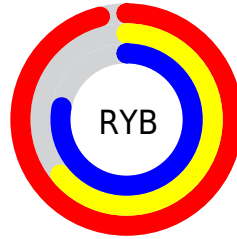
The XYZ color **60.7767, 49.8612, 59.8470** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2955, 77.2483, 72.7615**, and the grayscale version is **49.9529, 52.5543, 57.2317**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **30.9682, 23.8216, 29.3514** is the 20% darker color. If you saturate the color by 10%, you get **55.2776, 41.3338, 50.3958**, and if you desaturate by 10%, it is **67.2662, 60.1284, 70.3691**.

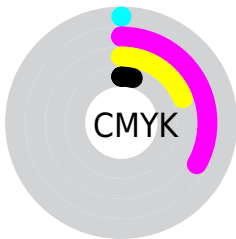
Distribution



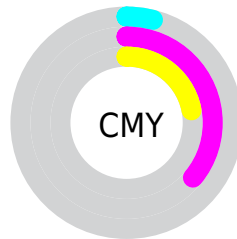
- Red (96%)
- Green (64%)
- Blue (78%)



- Red (96%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7767, 49.8612, 59.8470 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 60.7767, 49.8612, 59.8470 by changing the saturation by 10% instead.


 60.7767, 49.8612,
59.8470


 60.7767, 49.8612,
59.8470


417.2438,
386.1229, 441.8226

 44.2968, 35.3031,
42.8708


 105.0555, 89.9692,
106.1489

 31.1028, 23.8965,
29.4531


 133.5851,
116.2879, 136.3117

 20.8294, 15.2568,
19.1754


166.8621,
147.2956, 171.7071

 13.1111, 8.9998,
11.6190

205.2517,
183.3767, 212.7537

 7.5826, 4.7411,
6.3654

249.1193,
224.9156, 259.8700

 3.8786, 2.0962,
2.9962

298.8303,

 1.6337, 0.6625,

272.2966, 313.4746

1.0927

354.7500,
325.9043, 373.9859

■ 0.4142, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7767, 49.8612,
59.8470

■ 60.7767, 49.8612,
59.8470

■ 55.2776, 41.3338,
50.3958

■ 67.2662, 60.1284,
70.3691

■ 50.7126, 34.4417,
41.9752

■ 74.7900, 72.2186,
81.9944

■ 47.0260, 29.0794,
34.5463

■ 83.3944, 86.2178,
94.7573

■ 44.1538, 25.1265,
28.0659

■ 90.9778, 97.9169,
107.9752

■ 42.0228, 22.4440,
22.4866

■ 91.1184, 97.9732,
108.7160

■ 40.5452, 20.8639,
17.7549

■ 39.7915, 20.2264,
14.8218

Harmonies

Analogous

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



57.7755, 49.8612, 79.7289



60.7767, 49.8612, 59.8470



59.9448, 49.8612, 42.3473

Triad

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



60.7767, 49.8612, 59.8470



43.0138, 49.8612, 27.4139



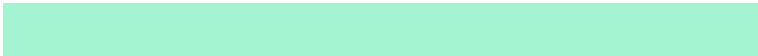
40.0368, 49.8612, 87.1026

Complementary

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



60.7767, 49.8612, 59.8470



59.2955, 77.2483, 72.7615

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.



36.7260, 49.8612, 68.2911



60.7767, 49.8612, 59.8470



38.3329, 49.8612, 34.9355

Square

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



60.7767, 49.8612, 59.8470



49.2940, 49.8612, 26.1481



36.1318, 49.8612, 49.0888



45.5387, 49.8612, 97.6501

Rectangle

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



60.7767, 49.8612, 59.8470



57.3578, 49.8612, 34.0103



36.1318, 49.8612, 49.0888



38.6523, 49.8612, 81.3580

Sweetspot

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



60.7781, 49.8635, 59.8480



85.1761, 83.8870, 94.4031



55.9955, 46.6891, 91.6491



17.9552, 17.5078, 19.7921



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.



60.7781, 49.8635, 59.8480



63.2246, 48.9548, 59.4300



58.2609, 50.4160, 41.7853



16.7914, 16.5994, 18.6480



21.7014, 11.0240, 8.4018



1.9576, 0.9890, 1.0032

Inverse Universe

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



60.7781, 49.8635, 59.8480



63.2246, 48.9548, 59.4300



62.4096, 75.9634, 96.9615



16.7914, 16.5994, 18.6480



21.7014, 11.0240, 8.4018



1.9576, 0.9890, 1.0032

Previews

White Background



This preview shows how the XYZ color 60.7767, 49.8612, 59.8470 looks on a white background.

Color Contrast Check

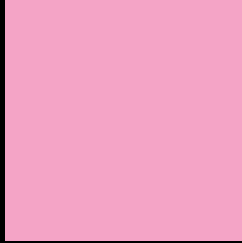
Large Text (above 18pt) WCAG AA × Fail

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 60.7767, 49.8612, 59.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

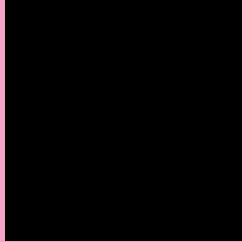
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7767, 49.8612, 59.8470

Background



This preview shows how black text looks on a background with the XYZ color 60.7767, 49.8612, 59.8470.



This preview shows how white text looks on a background with the XYZ color 60.7767, 49.8612,

59.8470.

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

60.7767, 49.8612, 59.8470

Protanopia

49.2097, 50.0616, 69.3566

Deuteranopia

51.2069, 50.0925, 58.5997



Tritanopia

58.6749, 49.8100, 49.7018

Trichromacy



Original Color

60.7767, 49.8612, 59.8470



Protanomaly

52.6365, 49.4676, 65.8054



Deuteranomaly

54.2072, 49.5509, 58.9318



Tritanomaly

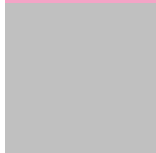
59.5680, 49.9150, 53.5087

Monochromacy



Original Color

60.7767, 49.8612, 59.8470



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.3295, 51.1998, 58.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7767, 49.8612, 59.8470 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(244, 164, 198)` looks like.

```
.text, #text, p{  
    color:rgb(244, 164, 198)  
}
```

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(244, 164, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 164, 198) }
```

Border

The CSS property to change the border of an element to XYZ 60.7767, 49.8612, 59.8470 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(244, 164, 198) }
```


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

```
.border{ border-color:rgb(244, 164, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 164, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 164, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 164, 198);  
box-shadow:4px 4px 4px 4px rgb(244, 164,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7767, 49.8612, 59.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 164, 198) }
```

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

```
.background{ background-color: rgb(244,  
164, 198) }
```

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