

Converting Colors

XYZ(60.8398, 48.3911, 45.6689)

Have a look what the booklet for
XYZ(60.8398, 48.3911, 45.6689)
contains.

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Color

**XYZ(60.8398, 48.3911,
45.6690)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9DAD |
| RGB | 255, 157, 173 |
| RGB Percent | 100%, 62%, 68% |
| CMY | 0.0000, 0.3843, 0.3216 |
| CMYK | 0.00, 0.38, 0.32, 0.00 |
| HSL | 350°, 100%, 81% |
| HSV | 350°, 38%, 100% |
| XYZ | 60.8398, 48.3911, 45.6690 |
| YIQ | 188.1260, 53.2720, 25.7520 |

Conversions

Conversions Part 2

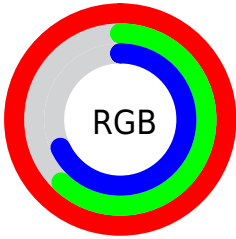
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 157, 173 |
| Decimal | 16752045 |
| CIE Lab | 75.07, 38.36, 7.31 |
| CIE LCh | 75, 39.053, 10.787 |
| Yxy | 48.3911, 0.3928, 0.3124 |
| Android (android.graphics.Color) | 4294942125 (0xFFFF9DAD) |
| YUV | 188.1260, -7.4571, 58.6485 |
| Hunter-Lab | 69.5637, 34.3780, 9.7704 |

Details

The XYZ color **60.8398, 48.3911, 45.6690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.2468, 84.9211, 94.6183**, and the grayscale version is **47.8926, 50.3868, 54.8712**.

A 20% lighter version of the original color is **79.0378, 74.4499, 83.6033**, and **31.1665, 23.0169, 20.8892** is the 20% darker color. If you saturate the color by 10%, you get **55.0645, 39.8851, 34.3577**, and if you desaturate by 10%, it is **67.8477, 58.8342, 59.0190**.

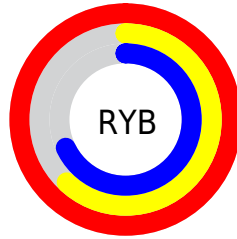
Distribution



Red (100%)

Green (62%)

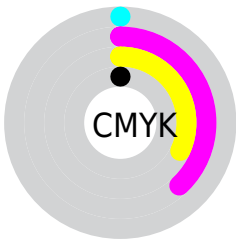
Blue (68%)



Red (100%)

Yellow (62%)

Blue (68%)

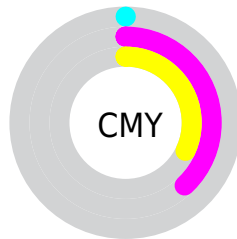


Cyan (0%)

Magenta (38%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8398, 48.3911, 45.6690 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 60.8398, 48.3911, 45.6690 by changing the saturation by 10% instead.


 60.8398, 48.3911,
45.6690


 60.8398, 48.3911,
45.6690


417.4717,
380.3403, 385.7152

 44.3479, 34.1367,
31.6379


 105.1464, 87.7864,
85.0525

 31.1432, 22.9986,
20.8226


 133.6918,
113.6962, 111.2419

 20.8603, 14.5925,
12.8044

166.9858,
144.2598, 142.3213

 13.1338, 8.5339,
7.1648

205.3937,
179.8617, 178.7091

 7.5984, 4.4384,
3.4854

249.2809,
220.8863, 220.8238

 3.8887, 1.9217,
1.3475

299.0127,

 1.6394, 0.5614,

267.7180, 269.0840

0.1003

354.9545,
320.7412, 323.9083

■ 0.4178, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8398, 48.3911,
45.6690

■ 60.8398, 48.3911,
45.6690

■ 55.0645, 39.8851,
34.3577

■ 67.8477, 58.8342,
59.0190

■ 50.4459, 33.1899,
24.9813

■ 76.1505, 71.3163,
74.4989

■ 46.9056, 28.1757,
17.4307

■ 85.8109, 85.9405,
92.1977

■ 44.3535, 24.6918,
11.5849

95.0500, 100.0000,
108.9000

■ 42.6845, 22.5608,
7.3075

■ 41.7566, 21.5362,
4.4360

■ 41.6512, 21.4245,
4.0951

Harmonies

Analogous

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



60.2129, 48.3911, 66.7150



60.8398, 48.3911, 45.6690



57.1904, 48.3911, 30.9545

Triad

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



60.8398, 48.3911, 45.6690



37.5971, 48.3911, 28.1768



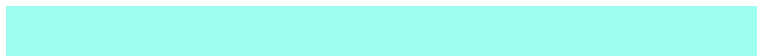
41.6231, 48.3911, 99.2155

Complementary

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



60.8398, 48.3911, 45.6690



65.2468, 84.9211, 94.6183

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.



36.3640, 48.3911, 82.7700



60.8398, 48.3911, 45.6690



34.2112, 48.3911, 40.7821

Square

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



60.8398, 48.3911, 45.6690



43.4727, 48.3911, 22.7374



33.7844, 48.3911, 60.3954



48.6116, 48.3911, 101.5129

Rectangle

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



60.8398, 48.3911, 45.6690



53.0246, 48.3911, 25.2858



33.7844, 48.3911, 60.3954



39.6146, 48.3911, 94.9911

Sweetspot

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



60.8411, 48.3934, 45.6699



82.2013, 80.4658, 85.6168



65.5927, 49.6292, 100.7300



17.3214, 16.8094, 17.8258



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.



60.8411, 48.3934, 45.6699



56.3581, 41.7800, 36.9231



65.6687, 60.3792, 40.0946



18.1303, 18.0354, 19.3032



21.7990, 11.2089, 2.3259



2.1551, 1.1044, 0.3984

Inverse Universe

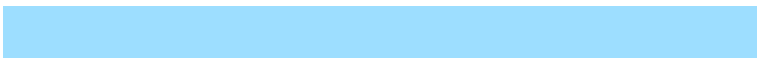
The Inverse Universe completely reimagines the original color for something new.



60.8411, 48.3934, 45.6699



56.3581, 41.7800, 36.9231



58.1665, 66.8098, 104.4376



18.1303, 18.0354, 19.3032



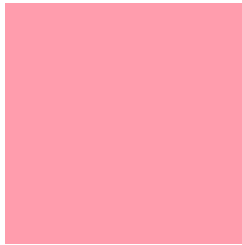
21.7990, 11.2089, 2.3259



2.1551, 1.1044, 0.3984

Previews

White Background



This preview shows how the XYZ color 60.8398, 48.3911, 45.6690 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 60.8398, 48.3911, 45.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

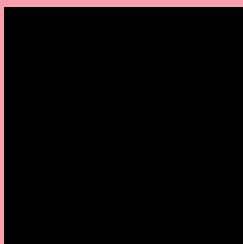
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8398, 48.3911, 45.6690

Background



This preview shows how black text looks on a background with the XYZ color 60.8398, 48.3911, 45.6690.



This preview shows how white text looks on a background with the XYZ color 60.8398, 48.3911,

45.6690.

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

60.8398, 48.3911, 45.6690

Protanopia

46.9566, 48.6032, 54.4834

Deuteranopia

49.5760, 48.6601, 44.3155



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

60.8398, 48.3911, 45.6690



Protanomaly

50.8347, 47.6880, 51.3252



Deuteranomaly

53.1826, 48.1969, 44.5301



Tritanomaly

60.7226, 48.6160, 44.2136

Monochromacy



Original Color

60.8398, 48.3911, 45.6690



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.4208, 48.8602, 51.5205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8398, 48.3911, 45.6690 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, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 173)  
}
```

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, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 173) }
```

Border

The CSS property to change the border of an element to XYZ 60.8398, 48.3911, 45.6690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

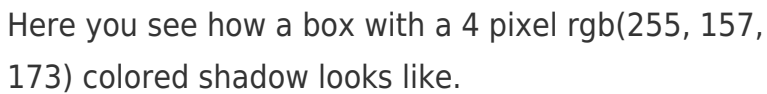
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 157, 173) }
```


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

```
.border{ border-color:rgb(255, 157, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 173); box-shadow:4px 4px 4px 4px rgb(255, 157, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8398, 48.3911, 45.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 173) }
```

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

```
.background{ background-color: rgb(255,  
157, 173) }
```

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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