

Converting Colors

XYZ(112.6347, 74.0617,
61.6910)

Have a look what the booklet for
XYZ(112.6347, 74.0617, 61.6910)
contains.

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Color

**XYZ(62.9886, 48.4484,
59.4577)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9AC6
RGB	255, 154, 198
RGB Percent	100%, 60%, 78%
CMY	0.0000, 0.3961, 0.2235
CMYK	0.00, 0.40, 0.22, 0.00
HSL	334°, 100%, 80%
HSV	334°, 40%, 100%
XYZ	62.9886, 48.4484, 59.4577
YIQ	189.2150, 46.0720, 35.0960

Conversions

Conversions Part 2

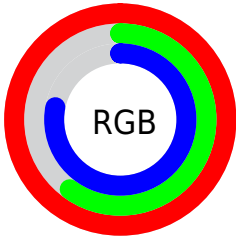
Format	Color
R _Y B	255, 154, 198
Decimal	16751302
CIE Lab	75.11, 43.22, -6.39
CIE LCh	75, 43.692, 351.587
Yxy	48.4484, 0.3686, 0.2835
Android (android.graphics.Color)	4294941382 (0xFFFF9AC6)
YUV	189.2150, 4.3310, 57.6934
Hunter-Lab	69.6049, 39.7242, -1.9231

Details

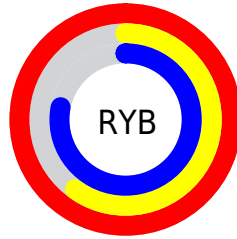
The XYZ color **62.9886, 48.4484, 59.4577** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.8462, 83.0941, 74.4635**, and the grayscale version is **48.4515, 50.9748, 55.5115**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **32.4527, 23.0567, 29.1255** is the 20% darker color. If you saturate the color by 10%, you get **57.6362, 40.2751, 49.8690**, and if you desaturate by 10%, it is **69.3951, 58.4769, 70.1771**.

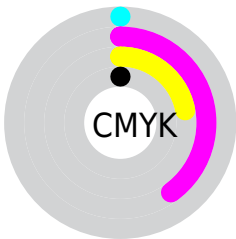
Distribution



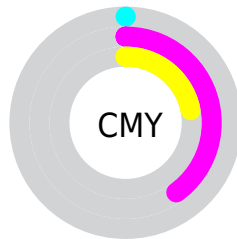
- Red (100%)
- Green (60%)
- Blue (78%)



- Red (100%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9886, 48.4484, 59.4577 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 62.9886, 48.4484, 59.4577 by changing the saturation by 10% instead.


 62.9886, 48.4484,
59.4577


 62.9886, 48.4484,
59.4577


425.1884,
380.5667, 440.3450

 46.0906, 34.1821,
42.5592


 108.2350, 87.8717,
105.5782

 32.5222, 23.0335,
29.2106


 137.3140,
113.7974, 135.6374

 21.9182, 14.6183,
18.9933


171.1842,
144.3785, 170.9206

 13.9131, 8.5519,
11.4886

210.2108,
179.9992, 211.8462

 8.1415, 4.4501,
6.2782

254.7591,
221.0440, 258.8330

 4.2382, 1.9284,
2.9435

305.1946,

 1.8378, 0.5654,

267.8972, 312.2993

1.0658

361.8826,
320.9434, 372.6638

■ 0.5403, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9886, 48.4484,
59.4577

■ 62.9886, 48.4484,
59.4577

■ 57.6362, 40.2751,
49.8690

■ 69.3951, 58.4769,
70.1771

■ 53.2728, 33.8345,
41.3662

■ 76.9083, 70.4599,
82.0638

■ 49.8312, 28.9996,
33.9047

■ 85.5815, 84.4974,
95.1562

■ 47.2340, 25.6228,
27.4352

95.0500, 100.0000,
108.9000

■ 45.3893, 23.5289,
21.9022

■ 44.1561, 22.4439,
17.2322

■ 44.1138, 22.4095,
17.0631

Harmonies

Analogous

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



59.1727, 48.4484, 85.1012



62.9886, 48.4484, 59.4577



61.8706, 48.4484, 38.1573

Triad

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



62.9886, 48.4484, 59.4577



40.6220, 48.4484, 21.4943



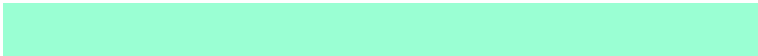
37.1438, 48.4484, 95.3074

Complementary

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



62.9886, 48.4484, 59.4577



60.8462, 83.0941, 74.4635

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.



33.1842, 48.4484, 70.6617



62.9886, 48.4484, 59.4577



35.0247, 48.4484, 29.8564

Square

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



62.9886, 48.4484, 59.4577



48.3342, 48.4484, 20.0893



32.4559, 48.4484, 46.5706



43.8365, 48.4484, 109.3789

Rectangle

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



62.9886, 48.4484, 59.4577



58.5281, 48.4484, 28.5962



32.4559, 48.4484, 46.5706



35.4828, 48.4484, 87.6971

Sweetspot

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



62.9898, 48.4506, 59.4587



83.3962, 80.9438, 91.9092



56.0579, 43.9695, 100.1401



17.6013, 16.9214, 19.2996



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.



62.9898, 48.4506, 59.4587



58.4272, 41.4675, 51.3341



59.4811, 48.4089, 36.7836



18.3380, 18.1185, 20.3969



23.1222, 11.7382, 9.2939



2.3050, 1.1644, 1.1875

Inverse Universe

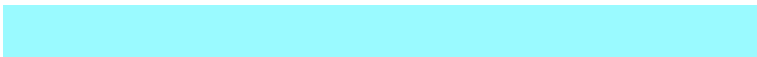
The Inverse Universe completely reimagines the original color for something new.



62.9898, 48.4506, 59.4587



58.4272, 41.4675, 51.3341



65.5478, 82.4310, 107.0638



18.3380, 18.1185, 20.3969



23.1222, 11.7382, 9.2939



2.3050, 1.1644, 1.1875

Previews

White Background



This preview shows how the XYZ color 62.9886, 48.4484, 59.4577 looks on a white background.

Color Contrast Check

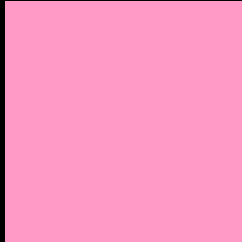
Large Text (above 18pt) WCAG AA × Fail

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 62.9886, 48.4484, 59.4577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

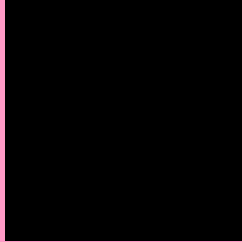
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9886, 48.4484, 59.4577

Background



This preview shows how black text looks on a background with the XYZ color 62.9886, 48.4484, 59.4577.



This preview shows how white text looks on a background with the XYZ color 62.9886, 48.4484,

59.4577.

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

62.9886, 48.4484, 59.4577

Protanopia

48.2553, 48.8744, 72.5360

Deuteranopia

49.7663, 48.7721, 57.2431



Tritanopia

59.8937, 48.4320, 44.7196

Trichromacy



Original Color

62.9886, 48.4484, 59.4577



Protanomaly

52.3086, 47.8057, 67.4432



Deuteranomaly

53.9284, 48.2816, 58.1067



Tritanomaly

60.9055, 48.3328, 49.8352

Monochromacy



Original Color

62.9886, 48.4484, 59.4577



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.4803, 49.0026, 56.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9886, 48.4484, 59.4577 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, 154, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 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(255, 154, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.9886, 48.4484, 59.4577 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, 154, 198) }
```


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

```
.border{ border-color:rgb(255, 154, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9886, 48.4484, 59.4577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 198) }
```

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

```
.background{ background-color: rgb(255,  
154, 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](#).

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