

Converting Colors

XYZ(65.0865, 51.4312, 37.9770)

Have a look what the booklet for
XYZ(65.0865, 51.4312, 37.9770)
contains.

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Color

**XYZ(59.8116, 48.8019,
37.7198)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA09C
RGB	255, 160, 156
RGB Percent	100%, 63%, 61%
CMY	0.0000, 0.3725, 0.3882
CMYK	0.00, 0.37, 0.39, 0.00
HSL	2°, 100%, 81%
HSV	2°, 39%, 100%
XYZ	59.8116, 48.8019, 37.7198
YIQ	187.9490, 57.9040, 18.8960

Conversions

Conversions Part 2

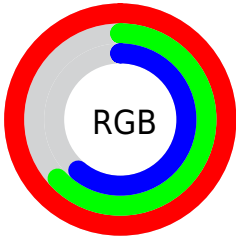
Format	Color
R _Y B	255, 160, 156
Decimal	16752796
CIE Lab	75.33, 34.81, 17.00
CIE LCh	75, 38.742, 26.023
Yxy	48.8019, 0.4087, 0.3335
Android (android.graphics.Color)	4294942876 (0xFFFFA09C)
YUV	187.9490, -15.7509, 58.8037
Hunter-Lab	69.8584, 30.5767, 16.8874

Details

The XYZ color **59.8116, 48.8019, 37.7198** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2560, 83.2790, 107.1901**, and the grayscale version is **47.8358, 50.3269, 54.8060**.

A 20% lighter version of the original color is **77.4287, 75.0249, 71.3731**, and **30.5724, 23.2711, 16.2450** is the 20% darker color. If you saturate the color by 10%, you get **54.0423, 40.3638, 26.2386**, and if you desaturate by 10%, it is **66.8714, 59.0955, 51.8683**.

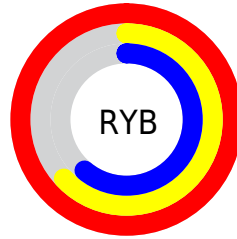
Distribution



Red (100%)

Green (63%)

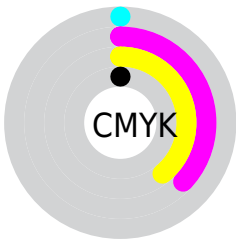
Blue (61%)



Red (100%)

Yellow (63%)

Blue (61%)

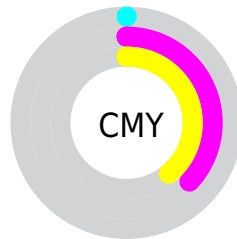


Cyan (0%)

Magenta (37%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8116, 48.8019, 37.7198 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 59.8116, 48.8019, 37.7198 by changing the saturation by 10% instead.


 59.8116, 48.8019,
37.7198


 59.8116, 48.8019,
37.7198


413.7489,
381.9619, 351.6785

 43.5157, 34.4624,
25.4651

 103.6642, 88.3972,
72.8771

 30.4862, 23.2490,
16.2018


 131.9516,
114.4217, 96.6169

 20.3578, 14.7775,
9.5111

164.9669,
145.1100, 125.0220

 12.7652, 8.6634,
4.9747

203.0754,
180.8464, 158.5112

 7.3429, 4.5223,
2.1740

246.6425,
222.0155, 197.5029

 3.7257, 1.9698,
0.6593

296.0336,

 1.5482, 0.5898,

269.0015, 242.4157

0.0000

351.6139,
322.1888, 293.6680

■ 0.3583, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8116, 48.8019,
37.7198

■ 59.8116, 48.8019,
37.7198

■ 54.0423, 40.3638,
26.2386

■ 66.8714, 59.0955,
51.8683

■ 49.4820, 33.6641,
17.2548

■ 75.2892, 71.3382,
68.8338

■ 46.0457, 28.5839,
10.5835

■ 85.1324, 85.6258,
88.7583

■ 43.6358, 24.9862,
6.0131

95.0500, 100.0000,
108.9000

■ 42.1381, 22.7112,
3.2931

■ 41.4029, 21.5595,
2.0654

■ 41.3520, 21.4840,
1.9673

Harmonies

Analogous

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



61.4319, 48.8019, 55.9035



59.8116, 48.8019, 37.7198



54.4668, 48.8019, 26.7969

Triad

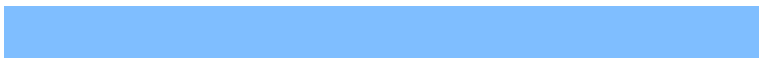
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.8116, 48.8019, 37.7198



35.9297, 48.8019, 34.0938



45.4415, 48.8019, 102.6529

Complementary

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



59.8116, 48.8019, 37.7198



66.2560, 83.2790, 107.1901

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.



39.1445, 48.8019, 92.7492



59.8116, 48.8019, 37.7198



34.0202, 48.8019, 50.4632

Square

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



59.8116, 48.8019, 37.7198



40.6320, 48.8019, 25.1104



35.1346, 48.8019, 72.2692



52.6564, 48.8019, 96.7483

Rectangle

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



59.8116, 48.8019, 37.7198



49.7716, 48.8019, 23.4408



35.1346, 48.8019, 72.2692



43.1551, 48.8019, 101.0071

Sweetspot

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



59.8128, 48.8043, 37.7207



81.8469, 80.8596, 82.0994



70.6519, 52.0466, 98.1687



17.2387, 16.9010, 17.0058



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.



59.8128, 48.8043, 37.7207



55.0017, 41.7694, 28.1405



69.9924, 69.1635, 41.1139



18.0683, 18.1048, 18.6866



21.6328, 11.2768, 1.0365



2.1261, 1.1376, 0.1075

Inverse Universe

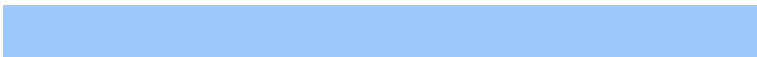
The Inverse Universe completely reimagines the original color for something new.



66.2560, 83.2790, 107.1901



62.2983, 80.8484, 106.9296



52.9282, 56.6233, 102.7475



18.4882, 20.3479, 23.2031



26.4708, 37.8512, 55.3454



2.5962, 3.7231, 5.3951

Previews

White Background



This preview shows how the XYZ color 59.8116, 48.8019, 37.7198 looks on a white background.

Color Contrast Check

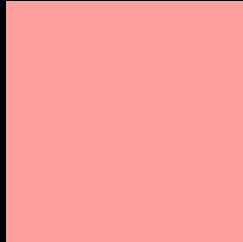
Large Text (above 18pt) WCAG AA × Fail

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 59.8116, 48.8019, 37.7198 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 59.8116, 48.8019, 37.7198

Background



This preview shows how black text looks on a background with the XYZ color 59.8116, 48.8019, 37.7198.



This preview shows how white text looks on a background with the XYZ color 59.8116, 48.8019,

37.7198.

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

59.8116, 48.8019, 37.7198

Protanopia

46.5027, 48.9000, 44.5238

Deuteranopia

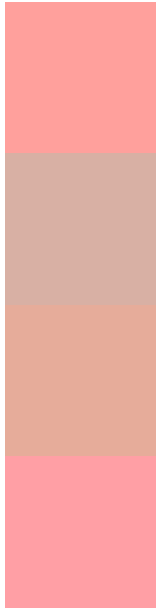
49.8942, 48.9872, 36.9628



Tritanopia

60.8938, 48.9586, 44.2707

Trichromacy



Original Color

59.8116, 48.8019, 37.7198

Protanomaly

50.5451, 48.3299, 41.7866

Deuteranomaly

53.2184, 48.6611, 37.1595

Tritanomaly

60.4297, 48.7729, 41.8264

Monochromacy



Original Color

59.8116, 48.8019, 37.7198

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.9082, 48.9724, 47.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8116, 48.8019, 37.7198 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, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 156)  
}
```

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, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 156) }
```

Border

The CSS property to change the border of an element to XYZ 59.8116, 48.8019, 37.7198 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, 160, 156) }
```


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

```
.border{ border-color:rgb(255, 160, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 160, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8116, 48.8019, 37.7198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 156) }
```

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

```
.background{ background-color: rgb(255,  
160, 156) }
```

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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