

Converting Colors

XYZ(61.4450, 49.4647, 38.3801)

Have a look what the booklet for
XYZ(61.4450, 49.4647, 38.3801)
contains.

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Color

**XYZ(59.7239, 48.4906,
38.1101)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F9D
RGB	255, 159, 157
RGB Percent	100%, 62%, 62%
CMY	0.0000, 0.3764, 0.3843
CMYK	0.00, 0.38, 0.38, 0.00
HSL	1°, 100%, 81%
HSV	1°, 38%, 100%
XYZ	59.7239, 48.4906, 38.1101
YIQ	187.4760, 57.8580, 19.7300

Conversions

Conversions Part 2

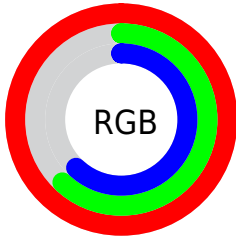
Format	Color
R_{YB}	255, 159, 157
Decimal	16752541
CIE _{Lab}	75.13, 35.44, 16.18
CIE _{LCh}	75, 38.961, 24.536
Yxy	48.4906, 0.4082, 0.3314
Android (android.graphics.Color)	4294942621 (0xFFFF9F9D)
YUV	187.4760, -15.0247, 59.2185
Hunter-Lab	69.6352, 31.2322, 16.2963

Details

The XYZ color **59.7239, 48.4906, 38.1101** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0782, 84.6350, 107.4084**, and the grayscale version is **47.5636, 50.0406, 54.4942**.

A 20% lighter version of the original color is **77.4241, 74.6143, 72.6087**, and **30.5205, 23.0844, 16.4828** is the 20% darker color. If you saturate the color by 10%, you get **53.8998, 39.9705, 26.5255**, and if you desaturate by 10%, it is **66.8727, 58.9329, 52.3786**.

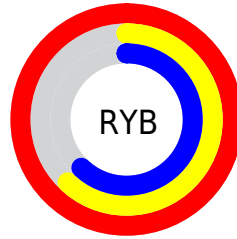
Distribution



Red (100%)

Green (62%)

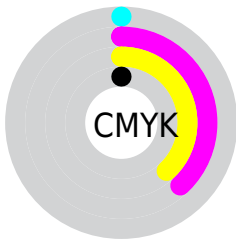
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

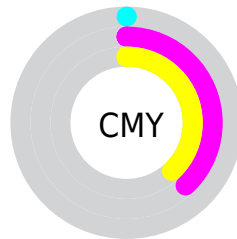


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7239, 48.4906, 38.1101 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 59.7239, 48.4906, 38.1101 by changing the saturation by 10% instead.


 59.7239, 48.4906,
38.1101


 59.7239, 48.4906,
38.1101


413.4304,
380.7335, 353.4044

 43.4447, 34.2156,
25.7657

 103.5377, 87.9344,
73.4822

 30.4303, 23.0593,
16.4242

 131.8030,
113.8720, 97.3468

 20.3151, 14.6373,
9.6672


164.7944,
144.4658, 125.8887

 12.7339, 8.5652,
5.0762

202.8773,
180.1004, 159.5263

 7.3213, 4.4587,
2.2325

246.4170,
221.1600, 198.6781

 3.7119, 1.9333,
0.6930

295.7788,

 1.5405, 0.5683,

268.0292, 243.7627

0.0000

351.3282,
321.0922, 295.1986

■ 0.3531, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7239, 48.4906,
38.1101

■ 59.7239, 48.4906,
38.1101

■ 53.8998, 39.9705,
26.5255

■ 66.8727, 58.9329,
52.3786

■ 49.3156, 33.2487,
17.4544

■ 75.4166, 71.3969,
69.4813

■ 45.8825, 28.1985,
10.7115

■ 85.4257, 85.9840,
89.5608

■ 43.4984, 24.6735,
6.0844

95.0499, 100.0000,
108.9000

■ 42.0433, 22.5019,
3.3225

■ 41.3610, 21.4671,
2.0785

■ 41.2966, 21.3733,
1.9489

Harmonies

Analogous

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



61.1327, 48.4906, 56.6269



59.7239, 48.4906, 38.1101



54.5122, 48.4906, 26.8345

Triad

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



59.7239, 48.4906, 38.1101



35.7972, 48.4906, 33.1317



44.7953, 48.4906, 102.3396

Complementary

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



59.7239, 48.4906, 38.1101



67.0782, 84.6350, 107.4084

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.



38.5813, 48.4906, 91.6825



59.7239, 48.4906, 38.1101



33.7408, 48.4906, 49.1457

Square

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



59.7239, 48.4906, 38.1101



40.6253, 48.4906, 24.5224



34.7051, 48.4906, 70.8447



52.0215, 48.4906, 97.1924

Rectangle

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



59.7239, 48.4906, 38.1101



49.8430, 48.4906, 23.2701



34.7051, 48.4906, 70.8447



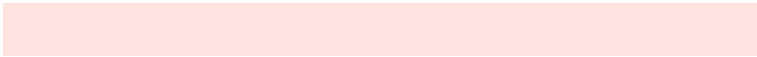
42.5281, 48.4906, 100.4188

Sweetspot

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



59.7252, 48.4930, 38.1110



81.6812, 80.5282, 82.0442



71.0852, 52.4895, 99.6198



17.2001, 16.8239, 16.9929



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.



59.7252, 48.4930, 38.1110



55.1986, 41.8719, 29.1038



69.7925, 68.6277, 41.4668



18.0392, 18.0465, 18.6769



21.5913, 11.1938, 1.0226



2.1123, 1.1100, 0.1029

Inverse Universe

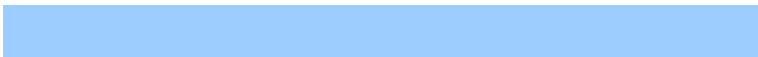
The Inverse Universe completely reimagines the original color for something new.



67.0782, 84.6350, 107.4084



63.4805, 82.5955, 107.2045



53.6351, 57.7487, 102.9273



18.5211, 20.4139, 23.2140



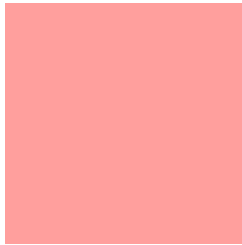
27.2731, 39.4558, 55.6129



2.6652, 3.8612, 5.4181

Previews

White Background



This preview shows how the XYZ color 59.7239, 48.4906, 38.1101 looks on a white background.

Color Contrast Check

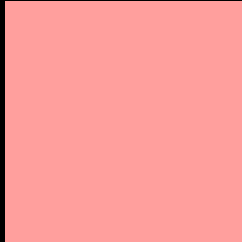
Large Text (above 18pt) WCAG AA × Fail

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 59.7239, 48.4906, 38.1101 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 59.7239, 48.4906, 38.1101

Background



This preview shows how black text looks on a background with the XYZ color 59.7239, 48.4906, 38.1101.



This preview shows how white text looks on a background with the XYZ color 59.7239, 48.4906,

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

59.7239, 48.4906, 38.1101

Protanopia

46.3429, 48.8067, 45.0083

Deuteranopia

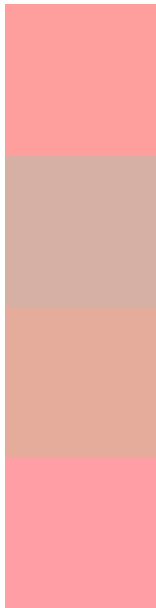
49.4847, 48.4700, 37.3194



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

59.7239, 48.4906, 38.1101

Protanomaly

50.3412, 48.2144, 42.2503

Deuteranomaly

52.7924, 48.1504, 37.5218

Tritanomaly

60.2584, 48.4303, 41.7693

Monochromacy



Original Color

59.7239, 48.4906, 38.1101

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

50.7100, 48.5759, 47.7777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7239, 48.4906, 38.1101 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, 159, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 157)  
}
```

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, 159, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 157) }
```

Border

The CSS property to change the border of an element to XYZ 59.7239, 48.4906, 38.1101 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, 159, 157) }
```


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

```
.border{ border-color:rgb(255, 159, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 159, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 159, 157); box-shadow:4px 4px 4px 4px rgb(255, 159, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7239, 48.4906, 38.1101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 157) }
```

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

```
.background{ background-color: rgb(255,  
159, 157) }
```

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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