

Converting Colors

XYZ(70.1373, 53.4137, 39.1399)

Have a look what the booklet for
XYZ(70.1373, 53.4137, 39.1399)
contains.

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Color

**XYZ(59.4685, 47.8426,
38.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D9E
RGB	255, 157, 158
RGB Percent	100%, 62%, 62%
CMY	0.0000, 0.3843, 0.3804
CMYK	0.00, 0.38, 0.38, 0.00
HSL	359°, 100%, 81%
HSV	359°, 38%, 100%
XYZ	59.4685, 47.8426, 38.4480
YIQ	186.4160, 58.0870, 21.0870

Conversions

Conversions Part 2

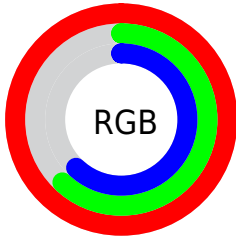
Format	Color
R_{YB}	255, 157, 158
Decimal	16752030
CIE _{Lab}	74.73, 36.59, 15.06
CIE _{LCh}	75, 39.568, 22.373
Yxy	47.8426, 0.4080, 0.3282
Android (android.graphics.Color)	4294942110 (0xFFFF9D9E)
YUV	186.4160, -14.0091, 60.1482
Hunter-Lab	69.1683, 32.4234, 15.4608

Details

The XYZ color **59.4685, 47.8426, 38.4480** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5562, 85.8448, 106.7797**, and the grayscale version is **46.9600, 49.4056, 53.8027**.

A 20% lighter version of the original color is **77.0445, 73.6526, 73.1065**, and **30.3691, 22.6979, 16.6904** is the 20% darker color. If you saturate the color by 10%, you get **53.6416, 39.3159, 26.8650**, and if you desaturate by 10%, it is **66.6444, 58.3529, 52.6829**.

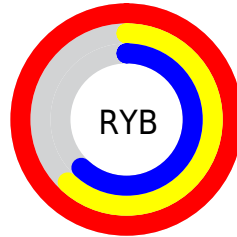
Distribution



Red (100%)

Green (62%)

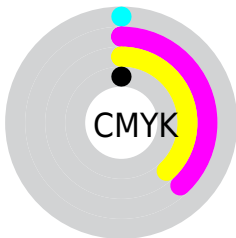
Blue (62%)



Red (100%)

Yellow (62%)

Blue (62%)

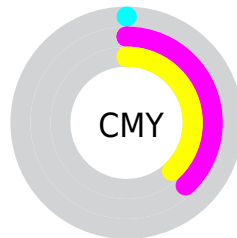


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4685, 47.8426, 38.4480 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 59.4685, 47.8426, 38.4480 by changing the saturation by 10% instead.


 59.4685, 47.8426,
38.4480


 59.4685, 47.8426,
38.4480


412.5021,
378.1679, 354.8935

 43.2382, 33.7023,
26.0261


 103.1690, 86.9700,
74.0053

 30.2674, 22.6650,
16.6172


 131.3699,
112.7259, 97.9778

 20.1907, 14.3463,
9.8029


164.2918,
143.1223, 126.6374

 12.6428, 8.3619,
5.1646

202.2999,
178.5438, 160.4029

 7.2583, 4.3274,
2.2837

245.7596,
219.3747, 199.6927

 3.6720, 1.8583,
0.7221

295.0363,

 1.5183, 0.5231,

265.9995, 244.9254

0.0000

350.4954,
318.8024, 296.5195

■ 0.3382, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4685, 47.8426,
38.4480

■ 59.4685, 47.8426,
38.4480

■ 53.6416, 39.3159,
26.8650

■ 66.6444, 58.3529,
52.6829

■ 49.0759, 32.6420,
17.7674

■ 75.2423, 70.9531,
69.7167

■ 45.6794, 27.6853,
10.9743

■ 85.3344, 85.7500,
89.6888

■ 43.3459, 24.2888,
6.2793

95.0499, 100.0000,
108.9000

■ 41.9497, 22.2669,
3.4389

■ 41.3193, 21.3613,
2.1336

■ 41.2541, 21.2656,
2.0046

Harmonies

Analogous

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



60.5717, 47.8426, 57.5174



59.4685, 47.8426, 38.4480



54.4313, 47.8426, 26.6375

Triad

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



59.4685, 47.8426, 38.4480



35.3936, 47.8426, 31.4933



43.6654, 47.8426, 101.9178

Complementary

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



59.4685, 47.8426, 38.4480



67.5562, 85.8448, 106.7797

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.



37.5558, 47.8426, 90.0920



59.4685, 47.8426, 38.4480



33.1182, 47.8426, 47.0198

Square

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



59.4685, 47.8426, 38.4480



40.4188, 47.8426, 23.4212



33.8659, 47.8426, 68.6344



50.9318, 47.8426, 97.8651

Rectangle

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



59.4685, 47.8426, 38.4480



49.7822, 47.8426, 22.7703



33.8659, 47.8426, 68.6344



41.4199, 47.8426, 99.5796

Sweetspot

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



59.4698, 47.8450, 38.4489



81.5544, 80.2070, 82.2104



70.7497, 52.2878, 100.9712



17.1706, 16.7491, 17.0316



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.



59.4698, 47.8450, 38.4489



54.9377, 41.2119, 29.4432



69.0073, 67.0565, 41.2076



18.0169, 17.9901, 18.7061



21.5594, 11.1131, 1.0644



2.1017, 1.0830, 0.1169

Inverse Universe

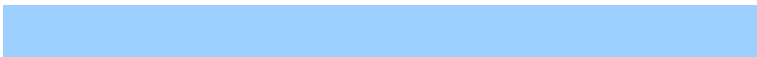
The Inverse Universe completely reimagines the original color for something new.



59.4698, 47.8450, 38.4489



54.9377, 41.2119, 29.4432



54.4234, 59.3236, 103.1897



18.0169, 17.9901, 18.7061



21.5594, 11.1131, 1.0644



2.1017, 1.0830, 0.1169

Previews

White Background



This preview shows how the XYZ color 59.4685, 47.8426, 38.4480 looks on a white background.

Color Contrast Check

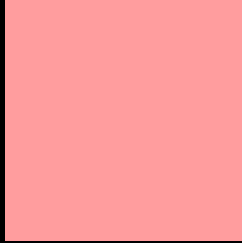
Large Text (above 18pt) WCAG AA × Fail

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 59.4685, 47.8426, 38.4480 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 59.4685, 47.8426, 38.4480

Background



This preview shows how black text looks on a background with the XYZ color 59.4685, 47.8426, 38.4480.



This preview shows how white text looks on a background with the XYZ color 59.4685, 47.8426,

38.4480.

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

59.4685, 47.8426, 38.4480

Protanopia

46.0727, 48.3359, 45.9312

Deuteranopia

48.9954, 47.9235, 37.2397



Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Original Color

59.4685, 47.8426, 38.4480



Protanomaly

49.8427, 47.3583, 43.0733



Deuteranomaly

52.2860, 47.6100, 37.4442



Tritanomaly

59.8293, 47.7173, 41.1790

Monochromacy



Original Color

59.4685, 47.8426, 38.4480



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.0304, 47.6434, 47.6335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4685, 47.8426, 38.4480 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 158) }
```

Border

The CSS property to change the border of an element to XYZ 59.4685, 47.8426, 38.4480 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, 158) }
```


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

```
.border{ border-color:rgb(255, 157, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4685, 47.8426, 38.4480 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
157, 158) }
```

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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