

Converting Colors

XYZ(62.3852, 49.5229, 39.4951)

Have a look what the booklet for
XYZ(62.3852, 49.5229, 39.4951)
contains.

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Color

**XYZ(59.8120, 48.2518,
39.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EA0
RGB	255, 158, 160
RGB Percent	100%, 62%, 63%
CMY	0.0000, 0.3804, 0.3725
CMYK	0.00, 0.38, 0.37, 0.00
HSL	359°, 100%, 81%
HSV	359°, 38%, 100%
XYZ	59.8120, 48.2518, 39.4188
YIQ	187.2310, 57.1700, 21.1860

Conversions

Conversions Part 2

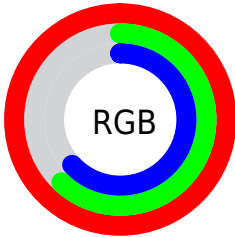
Format	Color
R_{YB}	255, 158, 160
Decimal	16752288
CIE _{Lab}	74.98, 36.30, 14.33
CIE _{LCh}	75, 39.024, 21.537
Yxy	48.2518, 0.4056, 0.3272
Android (android.graphics.Color)	4294942368 (0xFFFF9EA0)
YUV	187.2310, -13.4249, 59.4334
Hunter-Lab	69.4635, 32.1374, 14.9789

Details

The XYZ color **59.8120, 48.2518, 39.4188** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5924, 85.8819, 105.9476**, and the grayscale version is **47.4165, 49.8859, 54.3257**.

A 20% lighter version of the original color is **77.5523, 74.2594, 74.5360**, and **30.5768, 22.9430, 17.2849** is the 20% darker color. If you saturate the color by 10%, you get **53.9351, 39.6503, 27.7417**, and if you desaturate by 10%, it is **67.0327, 58.8383, 53.7101**.

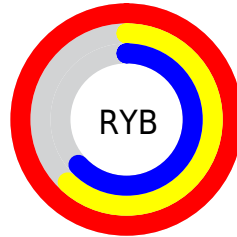
Distribution



Red (100%)

Green (62%)

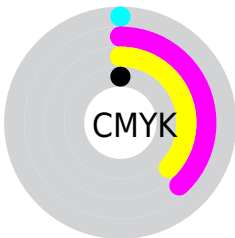
Blue (63%)



Red (100%)

Yellow (62%)

Blue (63%)

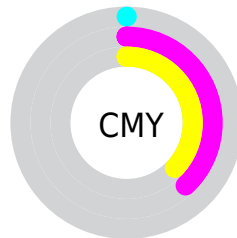


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.8120, 48.2518, 39.4188 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 59.8120, 48.2518, 39.4188 by changing the saturation by 10% instead.


 59.8120, 48.2518,
39.4188


 59.8120, 48.2518,
39.4188


413.7503,
379.7893, 359.1468

 43.5160, 34.0263,
26.7754


 103.6648, 87.5792,
75.5050

 30.4865, 22.9138,
17.1736


 131.9523,
113.4499, 99.7849

 20.3580, 14.5299,
10.1951

164.9677,
143.9712, 128.7807

 12.7653, 8.4901,
5.4212

203.0763,
179.5273, 162.9109

 7.3430, 4.4101,
2.4334

246.6435,
220.5029, 202.5940

 3.7258, 1.9055,
0.8046

296.0347,

 1.5482, 0.5517,

267.2821, 248.2487

0.0000

351.6152,
320.2495, 300.2934

■ 0.3583, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8120, 48.2518,
39.4188

■ 59.8120, 48.2518,
39.4188

■ 53.9351, 39.6503,
27.7417

■ 67.0327, 58.8383,
53.7101

■ 49.3156, 32.9037,
18.5179

■ 75.6691, 71.5151,
70.7574

■ 45.8628, 27.8775,
11.5734

■ 85.7923, 86.3887,
90.6959

■ 43.4727, 24.4163,
6.7102

95.0500, 100.0000,
108.9000

■ 42.0224, 22.3365,
3.6962

■ 41.3499, 21.3909,
2.2409

■ 41.2687, 21.2715,
2.0813

Harmonies

Analogous

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



60.7802, 48.2518, 58.5226



59.8120, 48.2518, 39.4188



54.9158, 48.2518, 27.4287

Triad

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



59.8120, 48.2518, 39.4188



35.9554, 48.2518, 31.7283



43.8763, 48.2518, 101.6461

Complementary

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



59.8120, 48.2518, 39.4188



67.5924, 85.8819, 105.9476

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.



37.8622, 48.2518, 89.6078



59.8120, 48.2518, 39.4188



33.6092, 48.2518, 46.9760

Square

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



59.8120, 48.2518, 39.4188



41.0174, 48.2518, 23.8546



34.2693, 48.2518, 68.2861



51.0736, 48.2518, 98.1007

Rectangle

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



59.8120, 48.2518, 39.4188



50.3358, 48.2518, 23.4323



34.2693, 48.2518, 68.2861



41.6612, 48.2518, 99.1954

Sweetspot

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



59.8133, 48.2542, 39.4197



82.6334, 81.7460, 84.4781



70.3385, 52.3280, 101.0007



17.3872, 17.0566, 17.4916



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.



59.8133, 48.2542, 39.4197



55.0274, 41.2477, 29.9155



68.8319, 66.5685, 41.5721



18.0245, 17.9931, 18.7463



21.5703, 11.1174, 1.1219



2.1053, 1.0845, 0.1360

Inverse Universe

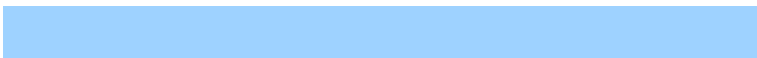
The Inverse Universe completely reimagines the original color for something new.



59.8133, 48.2542, 39.4197



55.0274, 41.2477, 29.9155



55.1335, 60.4530, 103.3704



18.0245, 17.9931, 18.7463



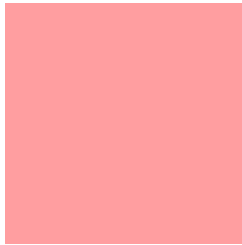
21.5703, 11.1174, 1.1219



2.1053, 1.0845, 0.1360

Previews

White Background



This preview shows how the XYZ color 59.8120, 48.2518, 39.4188 looks on a white background.

Color Contrast Check

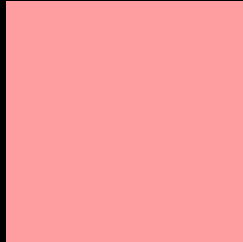
Large Text (above 18pt) WCAG AA × Fail

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 59.8120, 48.2518, 39.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

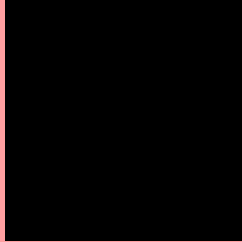
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8120, 48.2518, 39.4188

Background



This preview shows how black text looks on a background with the XYZ color 59.8120, 48.2518, 39.4188.



This preview shows how white text looks on a background with the XYZ color 59.8120, 48.2518,

39.4188.

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

59.8120, 48.2518, 39.4188

Protanopia

46.2663, 48.4133, 46.9506

Deuteranopia

49.3617, 48.3872, 38.1905



Tritanopia

60.4584, 48.2385, 43.6606

Trichromacy



Original Color

59.8120, 48.2518, 39.4188



Protanomaly

50.2230, 47.8207, 44.1194



Deuteranomaly

52.6436, 48.0541, 38.3990



Tritanomaly

60.1799, 48.1271, 42.1940

Monochromacy



Original Color

59.8120, 48.2518, 39.4188



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.6125, 48.2220, 48.2352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8120, 48.2518, 39.4188 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, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 160)  
}
```

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, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 160) }
```

Border

The CSS property to change the border of an element to XYZ 59.8120, 48.2518, 39.4188 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, 158, 160) }
```


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

```
.border{ border-color:rgb(255, 158, 160) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8120, 48.2518, 39.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 160) }
```

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

```
.background{ background-color: rgb(255,  
158, 160) }
```

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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