

Converting Colors

XYZ(62.7640, 54.3994, 39.6514)

Have a look what the booklet for
XYZ(62.7640, 54.3994, 39.6514)
contains.

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Color

**XYZ(62.7415, 54.3886,
39.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF9E
RGB	255, 175, 158
RGB Percent	100%, 69%, 62%
CMY	0.0000, 0.3137, 0.3804
CMYK	0.00, 0.31, 0.38, 0.00
HSL	11°, 100%, 81%
HSV	11°, 38%, 100%
XYZ	62.7415, 54.3886, 39.5390
YIQ	196.9820, 53.1370, 11.6730

Conversions

Conversions Part 2

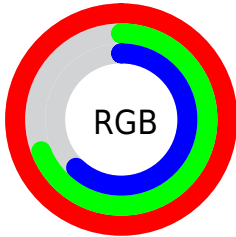
Format	Color
R_{YB}	255, 179, 158
Decimal	16756638
CIE Lab	78.69, 27.22, 20.57
CIE LCh	79, 34.114, 37.078
Yxy	54.3886, 0.4005, 0.3472
Android (android.graphics.Color)	4294946718 (0xFFFFAF9E)
YUV	196.9820, -19.2181, 50.8818
Hunter-Lab	73.7486, 22.7984, 19.8368

Details

The XYZ color **62.7415, 54.3886, 39.5390** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7237, 75.6351, 105.9007**, and the grayscale version is **53.1512, 55.9192, 60.8961**.

A 20% lighter version of the original color is **81.8262, 83.2159, 74.7004**, and **32.3783, 26.7164, 17.3602** is the 20% darker color. If you saturate the color by 10%, you get **56.9911, 46.0434, 27.8937**, and if you desaturate by 10%, it is **69.5876, 64.1960, 53.7973**.

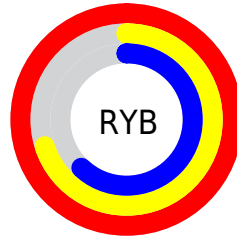
Distribution



Red (100%)

Green (69%)

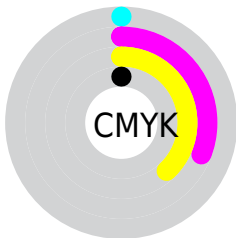
Blue (62%)



Red (100%)

Yellow (70%)

Blue (62%)

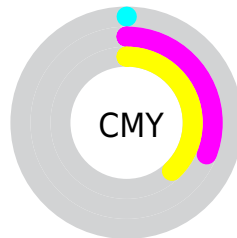


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7415, 54.3886, 39.5390 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 62.7415, 54.3886, 39.5390 by changing the saturation by 10% instead.


 62.7415, 54.3886,
39.5390


 62.7415, 54.3886,
39.5390


424.3053,
403.5901, 359.6708

 45.8900, 38.9124,
26.8682


 107.8804, 96.6446,
75.6904

 32.3633, 26.6916,
17.2427


 136.8985,
124.1932, 100.0081

 21.7960, 17.3417,
10.2439


170.7028,
156.5347, 129.0452

 13.8228, 10.4784,
5.4533

209.6587,
194.0536, 163.2203

 8.0784, 5.7173,
2.4522

254.1316,
237.1341, 202.9519

 4.1974, 2.6740,
0.8147

304.4867,

 1.8144, 0.9640,

286.1608, 248.6584

0.0000

361.0895,
341.5180, 300.7586

■ 0.5263, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7415, 54.3886,
39.5390

■ 62.7415, 54.3886,
39.5390

■ 56.9911, 46.0434,
27.8937

■ 69.5876, 64.1960,
53.7973

■ 52.2742, 39.0823,
18.6988

■ 77.5785, 75.5231,
70.8111

■ 48.5292, 33.4320,
11.7788

■ 86.7656, 88.4338,
90.7165

■ 45.6854, 29.0087,
6.9329

95.0499, 100.0000,
108.9000

■ 43.6621, 25.7191,
3.9252

■ 42.3585, 23.4534,
2.4380

■ 42.1671, 23.1143,
2.2391

Harmonies

Analogous

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



65.6552, 54.3886, 54.7621



62.7415, 54.3886, 39.5390



56.9095, 54.3886, 31.1858

Triad

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



62.7415, 54.3886, 39.5390



40.6512, 54.3886, 45.9059



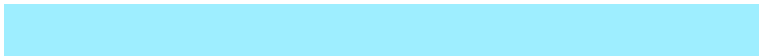
53.3086, 54.3886, 104.2290

Complementary

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



62.7415, 54.3886, 39.5390



62.7237, 75.6351, 105.9007

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.



46.8087, 54.3886, 100.4157



62.7415, 54.3886, 39.5390



39.8684, 54.3886, 63.9134

Square

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



62.7415, 54.3886, 39.5390



44.2667, 54.3886, 34.2651



42.0273, 54.3886, 84.5405



59.9105, 54.3886, 94.0502

Rectangle

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



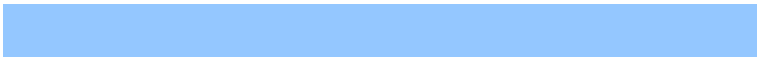
62.7415, 54.3886, 39.5390



52.3583, 54.3886, 29.3432



42.0273, 54.3886, 84.5405



51.0368, 54.3886, 104.5715

Sweetspot

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



62.7429, 54.3912, 39.5401



83.9176, 84.4420, 84.5129



69.0224, 51.9363, 87.9192



17.6904, 17.6931, 17.5000



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.



62.7429, 54.3912, 39.5401



58.0778, 47.6304, 30.0636



73.7104, 76.3262, 43.1959



18.2668, 18.5017, 18.7528



22.1074, 12.2261, 1.1947



2.2198, 1.3250, 0.1388

Inverse Universe

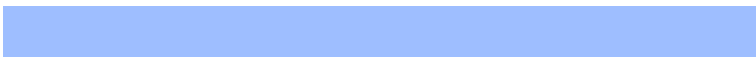
The Inverse Universe completely reimagines the original color for something new.



62.7237, 75.6351, 105.9007



58.0286, 71.6916, 105.3872



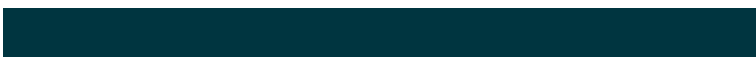
50.6367, 51.4611, 101.8717



18.2680, 19.9076, 23.1297



21.6108, 28.1312, 53.7254



2.1721, 2.8748, 5.2537

Previews

White Background



This preview shows how the XYZ color 62.7415, 54.3886, 39.5390 looks on a white background.

Color Contrast Check

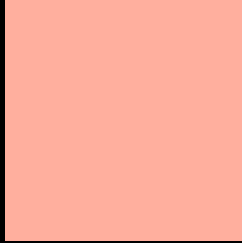
Large Text (above 18pt) WCAG AA × Fail

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 62.7415, 54.3886, 39.5390 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 62.7415, 54.3886, 39.5390

Background



This preview shows how black text looks on a background with the XYZ color 62.7415, 54.3886, 39.5390.



This preview shows how white text looks on a background with the XYZ color 62.7415, 54.3886,

39.5390.

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

62.7415, 54.3886, 39.5390

Protanopia

51.7598, 54.8365, 44.9023

Deuteranopia

55.4496, 54.2718, 39.0055



Tritanopia

64.7495, 54.2678, 52.9610

Trichromacy



Original Color

62.7415, 54.3886, 39.5390

Protanomaly

55.1155, 54.3348, 42.7047

Deuteranomaly

57.9443, 54.3058, 39.3264

Tritanomaly

63.9214, 54.2423, 47.6582

Monochromacy



Original Color

62.7415, 54.3886, 39.5390

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.6583, 54.7195, 52.4282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7415, 54.3886, 39.5390 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, 175, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 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, 175, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 158) }
```

Border

The CSS property to change the border of an element to XYZ 62.7415, 54.3886, 39.5390 is called "border". The border property can be set on classes, ids or directly on the HTML element.

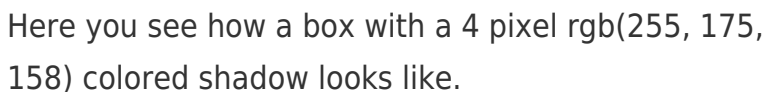
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 158) }
```


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

```
.border{ border-color:rgb(255, 175, 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, 175, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7415, 54.3886, 39.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 158) }
```

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

```
.background{ background-color: rgb(255,  
175, 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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