

Converting Colors

XYZ(62.3465, 53.5612, 39.5224)

Have a look what the booklet for
XYZ(62.3465, 53.5612, 39.5224)
contains.

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Color

**XYZ(62.3551, 53.6158,
39.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD9E
RGB	255, 173, 158
RGB Percent	100%, 68%, 62%
CMY	0.0000, 0.3215, 0.3804
CMYK	0.00, 0.32, 0.38, 0.00
HSL	9°, 100%, 81%
HSV	9°, 38%, 100%
XYZ	62.3551, 53.6158, 39.4102
YIQ	195.8080, 53.6870, 12.7190

Conversions

Conversions Part 2

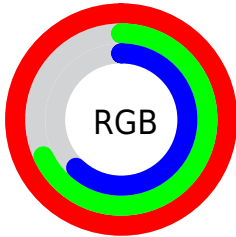
Format	Color
R _Y B	255, 176, 158
Decimal	16756126
CIE Lab	78.24, 28.26, 19.95
CIE LCh	78, 34.593, 35.211
Yxy	53.6158, 0.4013, 0.3451
Android (android.graphics.Color)	4294946206 (0xFFFFAD9E)
YUV	195.8080, -18.6393, 51.9114
Hunter-Lab	73.2228, 23.8672, 19.3447

Details

The XYZ color **62.3551, 53.6158, 39.4102** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3092, 76.8061, 106.0959**, and the grayscale version is **52.4412, 55.1722, 60.0825**.

A 20% lighter version of the original color is **81.2696, 82.1027, 74.5148**, and **32.1353, 26.2302, 17.2791** is the 20% darker color. If you saturate the color by 10%, you get **56.5786, 45.2185, 27.7562**, and if you desaturate by 10%, it is **69.2566, 63.5340, 53.6869**.

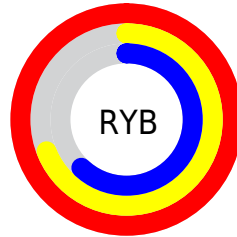
Distribution



Red (100%)

Green (68%)

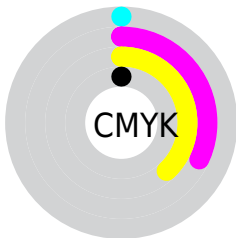
Blue (62%)



Red (100%)

Yellow (69%)

Blue (62%)

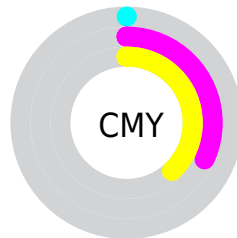


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3551, 53.6158, 39.4102 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 62.3551, 53.6158, 39.4102 by changing the saturation by 10% instead.


 62.3551, 53.6158,
39.4102


 62.3551, 53.6158,
39.4102


422.9221,
400.6432, 359.1092

 45.5764, 38.2946,
26.7687


 107.3256, 95.5099,
75.4918

 32.1149, 26.2114,
17.1687


 136.2481,
122.8516, 99.7689

 21.6052, 16.9819,
10.1916


169.9493,
154.9689, 128.7617

 13.6821, 10.2216,
5.4189

208.7945,
192.2461, 162.8887

 7.9801, 5.5461,
2.4321

253.1490,
235.0678, 202.5684

 4.1339, 2.5711,
0.8038

303.3782,

 1.7782, 0.9122,

283.8183, 248.2194

0.0000

359.8475,
338.8820, 300.2601

■ 0.5045, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3551, 53.6158,
39.4102

■ 62.3551, 53.6158,
39.4102

■ 56.5786, 45.2185,
27.7562

■ 69.2566, 63.5340,
53.6869

■ 51.8627, 38.2593,
18.5616

■ 77.3346, 75.0353,
70.7298

■ 48.1426, 32.6588,
11.6499

■ 86.6426, 88.1878,
90.6755

■ 45.3447, 28.3273,
6.8194

95.0499, 100.0000,
108.9000

■ 43.3843, 25.1634,
3.8326

■ 42.1560, 23.0482,
2.3705

■ 41.9802, 22.7406,
2.1768

Harmonies

Analogous

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



65.0569, 53.6158, 55.0570



62.3551, 53.6158, 39.4102



56.6163, 53.6158, 30.6483

Triad

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



62.3551, 53.6158, 39.4102



40.0305, 53.6158, 44.0987



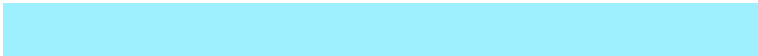
52.1519, 53.6158, 103.9416

Complementary

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



62.3551, 53.6158, 39.4102



63.3092, 76.8061, 106.0959

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.



45.6939, 53.6158, 99.1950



62.3551, 53.6158, 39.4102



39.0629, 53.6158, 61.8310

Square

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



62.3551, 53.6158, 39.4102



43.8158, 53.6158, 32.9055



41.0457, 53.6158, 82.6253



58.8419, 53.6158, 94.4504

Rectangle

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



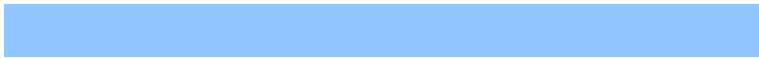
62.3551, 53.6158, 39.4102



52.0549, 53.6158, 28.5471



41.0457, 53.6158, 82.6253



49.8810, 53.6158, 103.9768

Sweetspot

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



62.3565, 53.6184, 39.4113



83.7552, 84.1172, 84.4587



69.2622, 52.0322, 89.1817



17.6520, 17.6163, 17.4872



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.



62.3565, 53.6184, 39.4113



57.6684, 46.8116, 29.9271



73.2814, 75.4681, 43.0529



18.2362, 18.4406, 18.7426



22.0027, 12.0165, 1.1598



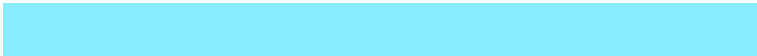
2.2052, 1.2957, 0.1339

Inverse Universe

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



63.3092, 76.8061, 106.0959



58.7236, 73.0816, 105.6188



50.9897, 52.1669, 101.9893



18.3014, 19.9745, 23.1408



22.2928, 29.4951, 53.9528



2.2323, 2.9952, 5.2738

Previews

White Background



This preview shows how the XYZ color 62.3551, 53.6158, 39.4102 looks on a white background.

Color Contrast Check

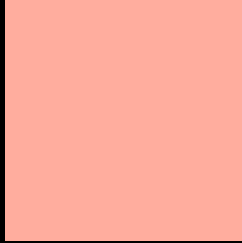
Large Text (above 18pt) WCAG AA × Fail

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 62.3551, 53.6158, 39.4102 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 62.3551, 53.6158, 39.4102

Background



This preview shows how black text looks on a background with the XYZ color 62.3551, 53.6158, 39.4102.



This preview shows how white text looks on a background with the XYZ color 62.3551, 53.6158,

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

62.3551, 53.6158, 39.4102

Protanopia

50.7664, 53.6636, 44.7282

Deuteranopia

54.9237, 53.6869, 38.9203



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

62.3551, 53.6158, 39.4102



Protanomaly

54.3839, 53.3277, 42.5489



Deuteranomaly

57.5347, 53.4866, 39.1898



Tritanomaly

63.6325, 53.8210, 47.0791

Monochromacy



Original Color

62.3551, 53.6158, 39.4102



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.0420, 54.0956, 51.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3551, 53.6158, 39.4102 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, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 158) }
```

Border

The CSS property to change the border of an element to XYZ 62.3551, 53.6158, 39.4102 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, 173, 158) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3551, 53.6158, 39.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 158) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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