

Converting Colors

XYZ(63.2088, 54.3501, 38.6688)

Have a look what the booklet for
XYZ(63.2088, 54.3501, 38.6688)
contains.

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Color

**XYZ(62.3768, 53.9324,
38.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE9C
RGB	255, 174, 156
RGB Percent	100%, 68%, 61%
CMY	0.0000, 0.3176, 0.3882
CMYK	0.00, 0.32, 0.39, 0.00
HSL	11°, 100%, 81%
HSV	11°, 39%, 100%
XYZ	62.3768, 53.9324, 38.5749
YIQ	196.1670, 54.0540, 11.5740

Conversions

Conversions Part 2

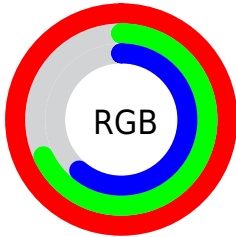
Format	Color
R _Y B	255, 178, 156
Decimal	16756380
CIE Lab	78.42, 27.52, 21.28
CIE LCh	78, 34.784, 37.716
Yxy	53.9324, 0.4027, 0.3482
Android (android.graphics.Color)	4294946460 (0xFFFFAE9C)
YUV	196.1670, -19.8023, 51.5965
Hunter-Lab	73.4387, 23.0953, 20.2640

Details

The XYZ color **62.3768, 53.9324, 38.5749** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0432, 74.8534, 105.7858**, and the grayscale version is **52.6632, 55.4058, 60.3369**.

A 20% lighter version of the original color is **81.2947, 82.5568, 73.2784**, and **32.1521, 26.4304, 16.7716** is the 20% darker color. If you saturate the color by 10%, you get **56.7179, 45.7150, 27.1305**, and if you desaturate by 10%, it is **69.1178, 63.5883, 52.6172**.

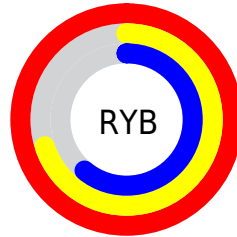
Distribution



Red (100%)

Green (68%)

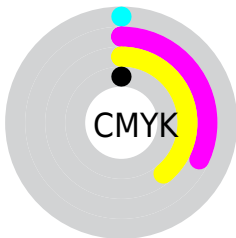
Blue (61%)



Red (100%)

Yellow (70%)

Blue (61%)

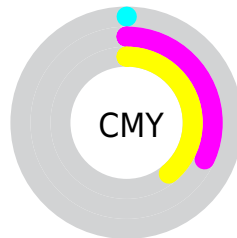


Cyan (0%)

Magenta (32%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3768, 53.9324, 38.5749 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 62.3768, 53.9324, 38.5749 by changing the saturation by 10% instead.

 62.3768, 53.9324,
38.5749


 62.3768, 53.9324,
38.5749


422.9999,
401.8522, 355.4516

 45.5940, 38.5476,
26.1239


 107.3568, 95.9750,
74.2016

 32.1288, 26.4080,
16.6898


 136.2847,
123.4016, 98.2144

 21.6159, 17.1291,
9.8539


169.9916,
155.6109, 126.9183

 13.6900, 10.3266,
5.1979

208.8430,
192.9873, 160.7317

 7.9856, 5.6160,
2.3031

253.2042,
235.9153, 200.0731

 4.1375, 2.6130,
0.7329

303.4405,

 1.7802, 0.9332,

284.7791, 245.3613

0.0000

359.9173,
339.9633, 297.0146

■ 0.5057, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3768, 53.9324,
38.5749

■ 62.3768, 53.9324,
38.5749

■ 56.7179, 45.7150,
27.1305

■ 69.1178, 63.5883,
52.6172

■ 52.0794, 38.8591,
18.1207

■ 76.9897, 74.7391,
69.4007

■ 48.4000, 33.2926,
11.3684

■ 86.0434, 87.4479,
89.0621

■ 45.6093, 28.9331,
6.6710

95.0500, 100.0000,
108.9000

■ 43.6268, 25.6886,
3.7893

■ 42.3478, 23.4493,
2.3804

■ 42.2318, 23.2436,
2.2606

Harmonies

Analogous

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



65.4195, 53.9324, 53.8128



62.3768, 53.9324, 38.5749



56.4082, 53.9324, 30.3255

Triad

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



62.3768, 53.9324, 38.5749



40.0359, 53.9324, 45.5751



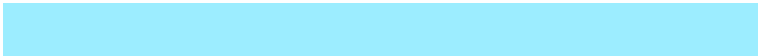
53.0462, 53.9324, 104.4785

Complementary

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



62.3768, 53.9324, 38.5749



62.0432, 74.8534, 105.7858

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.



46.4371, 53.9324, 100.8932



62.3768, 53.9324, 38.5749



39.3088, 53.9324, 63.9236

Square

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



62.3768, 53.9324, 38.5749



43.6338, 53.9324, 33.6964



41.5513, 53.9324, 84.8912



59.7292, 53.9324, 93.8155

Rectangle

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



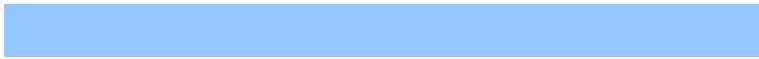
62.3768, 53.9324, 38.5749



51.7866, 53.9324, 28.5703



41.5513, 53.9324, 84.8912



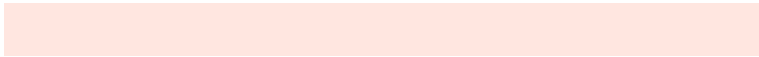
50.7392, 53.9324, 104.9357

Sweetspot

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



62.3782, 53.9350, 38.5760



83.0360, 83.2379, 82.4958



68.6349, 51.2399, 87.5476



17.5161, 17.4559, 17.0983



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.



62.3782, 53.9350, 38.5760



57.6718, 47.1097, 29.0305



73.3622, 75.9031, 42.2373



18.2765, 18.5212, 18.7560



22.1435, 12.2982, 1.2067



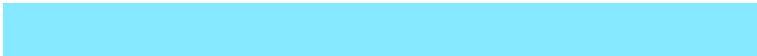
2.2247, 1.3348, 0.1404

Inverse Universe

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



62.0432, 74.8534, 105.7858



57.2621, 70.7759, 105.2508



49.9584, 50.6837, 101.7575



18.2574, 19.8864, 23.1261



21.3984, 27.7065, 53.6547



2.1533, 2.8372, 5.2474

Previews

White Background



This preview shows how the XYZ color 62.3768, 53.9324, 38.5749 looks on a white background.

Color Contrast Check

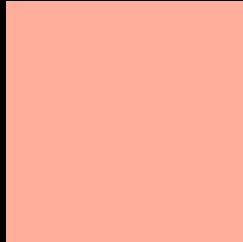
Large Text (above 18pt) WCAG AA × Fail

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 62.3768, 53.9324, 38.5749 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 62.3768, 53.9324, 38.5749

Background



This preview shows how black text looks on a background with the XYZ color 62.3768, 53.9324, 38.5749.



This preview shows how white text looks on a background with the XYZ color 62.3768, 53.9324,

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

62.3768, 53.9324, 38.5749

Protanopia

51.0766, 54.1741, 43.8410

Deuteranopia

55.2816, 54.2046, 38.1207



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

62.3768, 53.9324, 38.5749

Protanomaly

54.7233, 53.8373, 41.6898

Deuteranomaly

57.5694, 53.8270, 38.3658

Tritanomaly

63.5353, 53.7822, 46.5675

Monochromacy



Original Color

62.3768, 53.9324, 38.5749

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.9390, 54.0543, 51.2540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3768, 53.9324, 38.5749 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, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 156)  
}
```

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, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 156) }
```

Border

The CSS property to change the border of an element to XYZ 62.3768, 53.9324, 38.5749 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, 174, 156) }
```


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

```
.border{ border-color:rgb(255, 174, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3768, 53.9324, 38.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 156) }
```

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

```
.background{ background-color: rgb(255,  
174, 156) }
```

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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