

Converting Colors

XYZ(60.1910, 52.5999, 38.8749)

Have a look what the booklet for
XYZ(60.1910, 52.5999, 38.8749)
contains.

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Color

**XYZ(60.0963, 52.4612,
38.8569)**

Conversions

Conversions Part 1

Format	Color
Hex	F9AD9D
RGB	249, 173, 157
RGB Percent	98%, 68%, 62%
CMY	0.0235, 0.3215, 0.3843
CMYK	0.00, 0.31, 0.37, 0.02
HSL	10°, 88%, 80%
HSV	10°, 37%, 98%
XYZ	60.0963, 52.4612, 38.8569
YIQ	193.9000, 50.4320, 11.1360

Conversions

Conversions Part 2

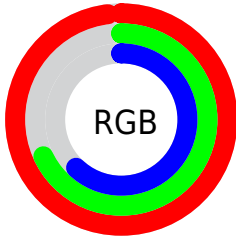
Format	Color
R _Y B	249, 176, 157
Decimal	16362909
CIE Lab	77.56, 25.89, 19.44
CIE LCh	78, 32.376, 36.904
Yxy	52.4612, 0.3969, 0.3465
Android (android.graphics.Color)	4294552989 (0xFFF9AD9D)
YUV	193.9000, -18.1917, 48.3227
Hunter-Lab	72.4301, 21.3513, 18.8935

Details

The XYZ color **60.0963, 52.4612, 38.8569** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.1413, 72.2828, 100.4047**, and the grayscale version is **51.3035, 53.9753, 58.7791**.

A 20% lighter version of the original color is **81.1430, 82.0521, 73.8483**, and **30.5532, 25.4207, 16.9320** is the 20% darker color. If you saturate the color by 10%, you get **54.5382, 44.4075, 27.5632**, and if you desaturate by 10%, it is **66.6975, 61.9075, 52.6366**.

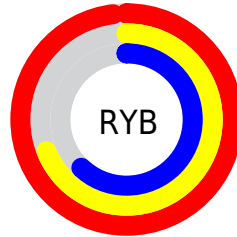
Distribution



Red (98%)

Green (68%)

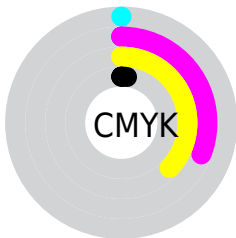
Blue (62%)



Red (98%)

Yellow (69%)

Blue (62%)

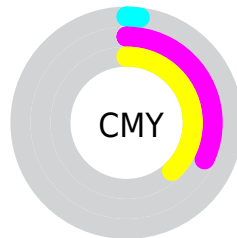


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0963, 52.4612, 38.8569 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 60.0963, 52.4612, 38.8569 by changing the saturation by 10% instead.

 60.0963, 52.4612,
38.8569


 60.0963, 52.4612,
38.8569


414.7817,
396.2145, 356.6895

 43.7460, 37.3728,
26.3414


 104.0749, 93.8111,
74.6376

 30.6679, 25.4963,
16.8512

 132.4339,
120.8413, 98.7399

 20.4967, 16.4472,
9.9676


165.5266,
152.6210, 127.5416

 12.8670, 9.8411,
5.2722

203.7182,
189.5345, 161.4612

 7.4134, 5.2938,
2.3463

247.3742,
231.9662, 200.9172

 3.7706, 2.4206,
0.7570

296.8599,

 1.5732, 0.8365,

280.3005, 246.3283

0.0000

352.5406,
334.9218, 298.1129

■ 0.3748, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0963, 52.4612,
38.8569

■ 60.0963, 52.4612,
38.8569

■ 54.5382, 44.4075,
27.5632

■ 66.6975, 61.9075,
52.6366

■ 49.9651, 37.6729,
18.6037

■ 74.3878, 72.8004,
69.0355

■ 46.3189, 32.1885,
11.8146

■ 83.2156, 85.2002,
88.1811

■ 43.5339, 27.8759,
7.0097

■ 92.8769, 98.8797,
108.7983

■ 41.5351, 24.6479,
3.9709

■ 40.2320, 22.4034,
2.4221

■ 39.9424, 21.8908,
2.1201

Harmonies

Analogous

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



62.7613, 52.4612, 53.0858



60.0963, 52.4612, 38.8569



54.7240, 52.4612, 30.9644

Triad

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



60.0963, 52.4612, 38.8569



39.6112, 52.4612, 44.6632



51.3204, 52.4612, 98.5237

Complementary

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



60.0963, 52.4612, 38.8569



60.1413, 72.2828, 100.4047

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.



45.2984, 52.4612, 94.9611



60.0963, 52.4612, 38.8569



38.8649, 52.4612, 61.3563

Square

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



60.0963, 52.4612, 38.8569



42.9932, 52.4612, 33.7953



40.8624, 52.4612, 80.3644



57.4277, 52.4612, 89.2764

Rectangle

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



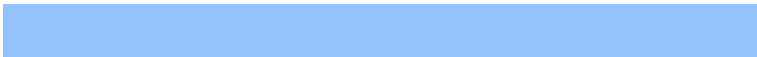
60.0963, 52.4612, 38.8569



50.5143, 52.4612, 29.1996



40.8624, 52.4612, 80.3644



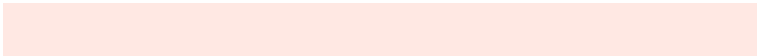
49.2169, 52.4612, 98.8104

Sweetspot

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



60.0977, 52.4637, 38.8579



83.9070, 84.4208, 84.5093



65.9276, 50.1755, 83.8013



17.6879, 17.6880, 17.4992



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.



60.0977, 52.4637, 38.8579



59.1595, 49.1905, 32.2839



70.3109, 72.8902, 42.2624



17.4887, 17.7132, 17.9596



21.4510, 11.8587, 1.1584



2.0525, 1.2298, 0.1292

Inverse Universe

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



60.1413, 72.2828, 100.4047



59.1892, 72.7340, 105.5272



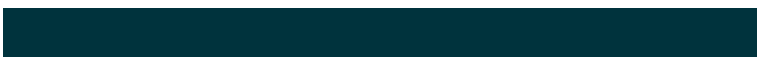
48.9161, 49.8324, 96.6630



17.4938, 19.0645, 22.1431



21.0197, 27.3950, 52.1535



2.0121, 2.6679, 4.8521

Previews

White Background



This preview shows how the XYZ color 60.0963, 52.4612, 38.8569 looks on a white background.

Color Contrast Check

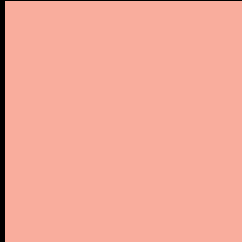
Large Text (above 18pt) WCAG AA × Fail

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 60.0963, 52.4612, 38.8569 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 60.0963, 52.4612, 38.8569

Background



This preview shows how black text looks on a background with the XYZ color 60.0963, 52.4612, 38.8569.



This preview shows how white text looks on a background with the XYZ color 60.0963, 52.4612,

38.8569.

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

60.0963, 52.4612, 38.8569

Protanopia

49.6011, 52.4323, 43.5826

Deuteranopia

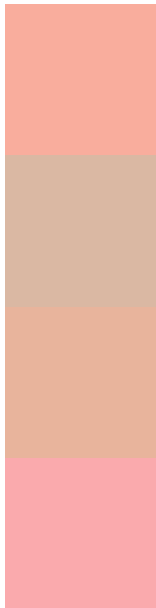
53.4883, 52.3355, 38.2930



Tritanopia

62.4151, 52.2626, 51.0540

Trichromacy



Original Color

60.0963, 52.4612, 38.8569

Protanomaly

52.6648, 51.8307, 41.8789

Deuteranomaly

55.6007, 52.1986, 38.5974

Tritanomaly

61.3419, 52.0906, 46.3566

Monochromacy



Original Color

60.0963, 52.4612, 38.8569

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.6310, 52.7501, 51.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0963, 52.4612, 38.8569 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(249, 173, 157)` looks like.

```
.text, #text, p{  
    color:rgb(249, 173, 157)  
}
```

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(249, 173, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 173, 157) }
```

Border

The CSS property to change the border of an element to XYZ 60.0963, 52.4612, 38.8569 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(249, 173, 157) }
```


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

```
.border{ border-color:rgb(249, 173, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 173, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 173, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 173, 157);  
box-shadow:4px 4px 4px 4px rgb(249, 173,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0963, 52.4612, 38.8569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 173, 157) }
```

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

```
.background{ background-color: rgb(249,  
173, 157) }
```

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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