

Converting Colors

XYZ(58.3558, 48.7221, 37.1918)

Have a look what the booklet for
XYZ(58.3558, 48.7221, 37.1918)
contains.

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Color

**XYZ(58.4379, 48.8849,
37.3661)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA39B
RGB	250, 163, 155
RGB Percent	98%, 64%, 61%
CMY	0.0196, 0.3608, 0.3922
CMYK	0.00, 0.35, 0.38, 0.02
HSL	5°, 90%, 79%
HSV	5°, 38%, 98%
XYZ	58.4379, 48.8849, 37.3661
YIQ	188.1010, 54.4200, 15.9560

Conversions

Conversions Part 2

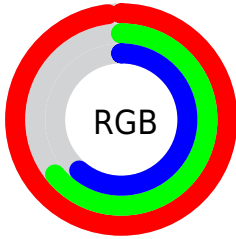
Format	Color
R _Y B	250, 164, 155
Decimal	16425883
CIE Lab	75.38, 31.29, 17.53
CIE LCh	75, 35.860, 29.259
Yxy	48.8849, 0.4039, 0.3379
Android (android.graphics.Color)	4294615963 (0xFFFAA39B)
YUV	188.1010, -16.3188, 54.2854
Hunter-Lab	69.9177, 26.8359, 17.2561

Details

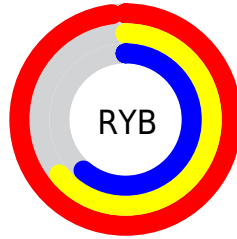
The XYZ color **58.4379, 48.8849, 37.3661** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5237, 77.3719, 102.0813**, and the grayscale version is **47.9266, 50.4226, 54.9102**.

A 20% lighter version of the original color is **78.0801, 76.5265, 70.9774**, and **29.5605, 23.2277, 16.0221** is the 20% darker color. If you saturate the color by 10%, you get **52.8483, 40.7250, 26.1949**, and if you desaturate by 10%, it is **65.2005, 58.6950, 51.0736**.

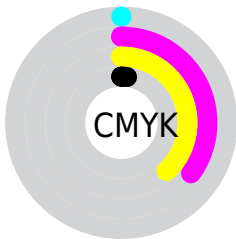
Distribution



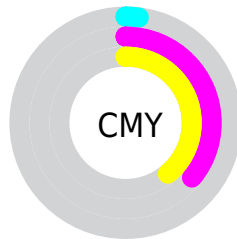
- Red (98%)
- Green (64%)
- Blue (61%)



- Red (98%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (35%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4379, 48.8849, 37.3661 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 58.4379, 48.8849, 37.3661 by changing the saturation by 10% instead.


 58.4379, 48.8849,
37.3661


 58.4379, 48.8849,
37.3661


408.7433,
382.2890, 350.1091

 42.4054, 34.5282,
25.1931


 101.6796, 88.5205,
72.3281

 29.6114, 23.2997,
16.0006

 129.6195,
114.5681, 95.9541

 19.6904, 14.8149,
9.3702


162.2592,
145.2816, 124.2349

 12.2771, 8.6896,
4.8834

199.9642,
181.0451, 157.5890

 7.0063, 4.5393,
2.1214

243.0997,
222.2433, 196.4350

 3.5124, 1.9796,
0.6285

292.0312,

 1.4302, 0.5956,

269.2604, 241.1913

0.0000

347.1239,
322.4808, 292.2765

■ 0.2776, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4379, 48.8849,
37.3661

■ 58.4379, 48.8849,
37.3661

■ 52.8483, 40.7250,
26.1949

■ 65.2005, 58.6950,
51.0736

■ 48.3611, 34.1178,
17.4015

■ 73.1937, 70.2313,
67.4567

■ 44.9041, 28.9668,
10.8141

■ 82.4759, 83.5741,
86.6484

■ 42.3948, 25.1616,
6.2368

■ 93.1004, 98.7962,
108.7704

■ 40.7378, 22.5761,
3.4389

■ 93.2343, 99.0640,
108.8150

■ 39.8133, 21.0582,
2.1099

■ 39.6937, 20.8628,
1.9348

Harmonies

Analogous

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



60.3436, 48.8849, 53.6986



58.4379, 48.8849, 37.3661



53.2571, 48.8849, 27.7016

Triad

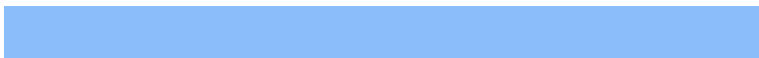
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4379, 48.8849, 37.3661



36.3874, 48.8849, 36.7269



46.2998, 48.8849, 98.4682

Complementary

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



58.4379, 48.8849, 37.3661



62.5237, 77.3719, 102.0813

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.



40.2739, 48.8849, 90.9753



58.4379, 48.8849, 37.3661



34.8941, 48.8849, 52.7589

Square

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



58.4379, 48.8849, 37.3661



40.5328, 48.8849, 27.3987



36.2482, 48.8849, 73.0410



52.9465, 48.8849, 91.6486

Rectangle

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



58.4379, 48.8849, 37.3661



48.8691, 48.8849, 24.9089



36.2482, 48.8849, 73.0410



44.1384, 48.8849, 97.5163

Sweetspot

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



58.4392, 48.8873, 37.3671



83.2044, 83.0157, 84.2751



67.1854, 50.1829, 90.2153



17.5219, 17.3560, 17.4438



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.



58.4392, 48.8873, 37.3671



56.3306, 44.1360, 29.4812



68.4905, 68.9900, 40.7175



17.3621, 17.4601, 17.9175



21.0957, 11.1481, 1.0399



1.9928, 1.1104, 0.1093

Inverse Universe

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



62.5237, 77.3719, 102.0813



61.1690, 77.9725, 106.4340



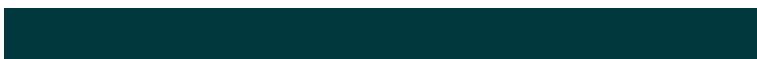
50.1952, 52.7149, 97.9718



17.6334, 19.3436, 22.1896



24.0578, 33.4712, 53.1662



2.2640, 3.1716, 4.9360

Previews

White Background



This preview shows how the XYZ color 58.4379, 48.8849, 37.3661 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 58.4379, 48.8849, 37.3661 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 58.4379, 48.8849, 37.3661

Background



This preview shows how black text looks on a background with the XYZ color 58.4379, 48.8849, 37.3661.



This preview shows how white text looks on a background with the XYZ color 58.4379, 48.8849,

37.3661.

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

58.4379, 48.8849, 37.3661

Protanopia

46.6900, 49.3403, 43.1392

Deuteranopia

50.1065, 49.1061, 36.5433



Tritanopia

60.1621, 48.8156, 45.2812

Trichromacy



Original Color

58.4379, 48.8849, 37.3661



Protanomaly

50.1735, 48.7456, 40.9468



Deuteranomaly

52.6882, 48.6810, 36.7564



Tritanomaly

59.4115, 48.7521, 42.3552

Monochromacy



Original Color

58.4379, 48.8849, 37.3661



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.8205, 49.2237, 47.8969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4379, 48.8849, 37.3661 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(250, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(250, 163, 155)  
}
```

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(250, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 163, 155) }
```

Border

The CSS property to change the border of an element to XYZ 58.4379, 48.8849, 37.3661 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(250, 163, 155) }
```


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

```
.border{ border-color:rgb(250, 163, 155) }
```

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

Here you see how a box with a 4 pixel rgb(250, 163, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(250, 163,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4379, 48.8849, 37.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 163, 155) }
```

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

```
.background{ background-color: rgb(250,  
163, 155) }
```

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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