

Converting Colors

XYZ(72.5900, 63.0652, 33.9756)

Have a look what the booklet for
XYZ(72.5900, 63.0652, 33.9756)
contains.

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Color

**XYZ(63.6814, 58.3308,
33.4938)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA8E
RGB	255, 186, 142
RGB Percent	100%, 73%, 56%
CMY	0.0000, 0.2706, 0.4431
CMYK	0.00, 0.27, 0.44, 0.00
HSL	23°, 100%, 78%
HSV	23°, 44%, 100%
XYZ	63.6814, 58.3308, 33.4938
YIQ	201.6150, 55.2480, 0.9440

Conversions

Conversions Part 2

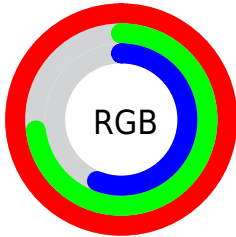
Format	Color
R _Y B	255, 214, 142
Decimal	16759438
CIE Lab	80.92, 19.75, 32.10
CIE LCh	81, 37.686, 58.398
Yxy	58.3308, 0.4095, 0.3751
Android (android.graphics.Color)	4294949518 (0xFFFFBA8E)
YUV	201.6150, -29.3902, 46.8186
Hunter-Lab	76.3746, 15.1783, 27.4608

Details

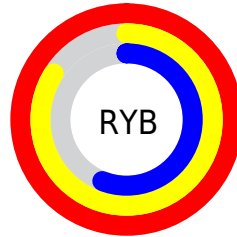
The XYZ color **63.6814, 58.3308, 33.4938** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.4986, 59.5569, 103.3363**, and the grayscale version is **56.0536, 58.9727, 64.2213**.

A 20% lighter version of the original color is **82.9559, 88.7498, 64.9827**, and **33.0408, 29.2662, 13.8050** is the 20% darker color. If you saturate the color by 10%, you get **58.8784, 51.4463, 23.5033**, and if you desaturate by 10%, it is **69.2827, 66.1110, 45.9120**.

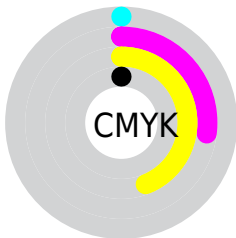
Distribution



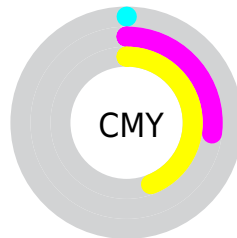
- Red (100%)
- Green (73%)
- Blue (56%)



- Red (100%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6814, 58.3308, 33.4938 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 63.6814, 58.3308, 33.4938 by changing the saturation by 10% instead.

 63.6814, 58.3308,
33.4938

 63.6814, 58.3308,
33.4938


427.6587,
418.4174, 332.5690

 46.6534, 42.0747,
22.2308


 109.2283,
102.4044, 66.2706

 32.9685, 29.1597,
13.8266


 138.4779,
130.9907, 88.6214

 22.2615, 19.2017,
7.8628


172.5320,
164.4558, 115.5053

 14.1668, 11.8161,
3.9208

211.7561,
203.1841, 147.3407

 8.3193, 6.6186,
1.5820

256.5154,
247.5600, 184.5463

 4.3534, 3.2247,
0.2779

307.1754,

 1.9040, 1.2502,

297.9680, 227.5405

0.0000

364.1014,
354.7923, 276.7419

0.5791, 0.1021,
0.0000

0.0000, 0.0000,
0.0000

63.6814, 58.3308,
33.4938

63.6814, 58.3308,
33.4938

58.8784, 51.4463,
23.5033

69.2827, 66.1110,
45.9120

54.8277, 45.4140,
15.7740

75.7162, 74.8111,
60.9024

51.4845, 40.1991,
10.1233

83.0189, 84.4649,
78.6022

48.7966, 35.7605,
6.3383

91.2243, 95.1017,
99.1377

■ 46.7020, 32.0518, 95.0499, 100.0000,
4.1587 108.9000

■ 45.7307, 30.2415,
3.4269

Harmonies

Analogous

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



69.7151, 58.3308, 45.1894



63.6814, 58.3308, 33.4938



55.8621, 58.3308, 29.5144

Triad

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



63.6814, 58.3308, 33.4938



41.7554, 58.3308, 62.3188



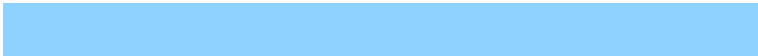
62.8881, 58.3308, 109.3061

Complementary

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



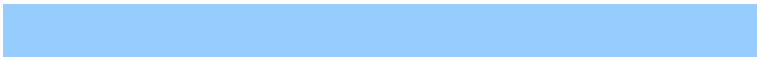
63.6814, 58.3308, 33.4938



52.4986, 59.5569, 103.3363

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.



55.0234, 58.3308, 116.8764



63.6814, 58.3308, 33.4938



43.2629, 58.3308, 86.2192

Square

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



63.6814, 58.3308, 33.4938



43.6193, 58.3308, 43.5516



47.9452, 58.3308, 107.5903



69.2277, 58.3308, 88.7949

Rectangle

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



63.6814, 58.3308, 33.4938



50.8397, 58.3308, 30.8415



47.9452, 58.3308, 107.5903



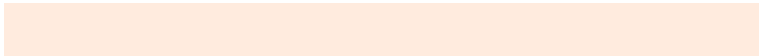
60.3134, 58.3308, 113.6338

Sweetspot

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



63.6829, 58.3336, 33.4949



84.0443, 85.8050, 81.1343



62.7570, 45.3440, 67.5231



17.6220, 17.8857, 16.4610



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.



63.6829, 58.3336, 33.4949



59.4654, 52.3011, 24.6826



77.8201, 86.6082, 38.2074



18.5895, 19.1471, 18.8603



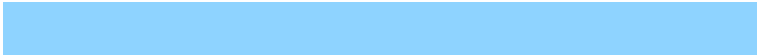
24.0296, 16.0705, 1.8354



2.4421, 1.7695, 0.2128

Inverse Universe

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



52.4986, 59.5569, 103.3363



46.9820, 53.6165, 102.4806



40.9577, 36.4752, 99.4893



17.9262, 19.2240, 23.0157



15.7662, 16.4420, 51.7772



1.6413, 1.8134, 5.0768

Previews

White Background



This preview shows how the XYZ color 63.6814, 58.3308, 33.4938 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 63.6814, 58.3308, 33.4938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

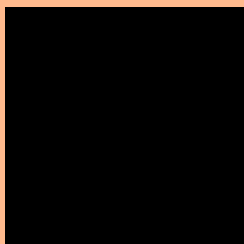
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6814, 58.3308, 33.4938

Background



This preview shows how black text looks on a background with the XYZ color 63.6814, 58.3308, 33.4938.



This preview shows how white text looks on a background with the XYZ color 63.6814, 58.3308,

33.4938.

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

63.6814, 58.3308, 33.4938

Protanopia

54.5508, 58.5103, 36.4355

Deuteranopia

59.8129, 58.5883, 33.3555



Tritanopia

67.5015, 58.2028, 58.7155

Trichromacy



Original Color

63.6814, 58.3308, 33.4938

Protanomaly

57.5614, 58.3782, 35.4284

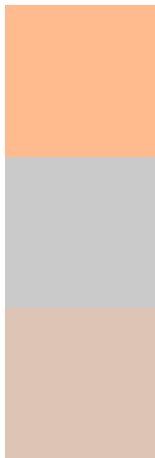
Deuteranomaly

60.8774, 58.1625, 33.2172

Tritanomaly

65.9113, 58.2221, 48.3215

Monochromacy



Original Color

63.6814, 58.3308, 33.4938

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7969, 58.1473, 51.3573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6814, 58.3308, 33.4938 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, 186, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 142)  
}
```

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, 186, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 142) }
```

Border

The CSS property to change the border of an element to XYZ 63.6814, 58.3308, 33.4938 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, 186, 142) }
```


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

```
.border{ border-color:rgb(255, 186, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6814, 58.3308, 33.4938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 142) }
```

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

```
.background{ background-color: rgb(255,  
186, 142) }
```

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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