

# Converting Colors

$Yxy(63.0688, 0.3880, 0.3809)$

Have a look what the booklet for  
Yxy(63.0688, 0.3880, 0.3809)  
contains.

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# Color

**Yxy(63.1357, 0.3883, 0.3816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6C897
RGB	246, 200, 151
RGB Percent	96%, 78%, 59%
CMY	0.0353, 0.2157, 0.4079
CMYK	0.00, 0.19, 0.39, 0.04
HSL	31°, 84%, 78%
HSV	31°, 39%, 96%
XYZ	64.2442, 63.1357, 38.0700
YIQ	208.1680, 43.1450, -5.4870

# Conversions

## Conversions Part 2

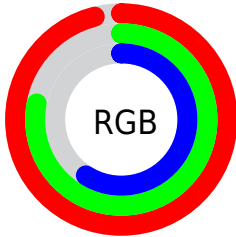
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 246, 151
Decimal	16173207
CIE Lab	83.51, 9.86, 30.68
CIE LCh	84, 32.224, 72.176
Yxy	63.1357, 0.3883, 0.3816
Android (android.graphics.Color)	4294363287 (0xFFFF6C897)
YUV	208.1680, -28.1838, 33.1787
Hunter-Lab	79.4580, 5.2713, 27.2135

# Details

The Yxy color **63.1357, 0.3883, 0.3816** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1504, 0.2501, 0.2693**, and the grayscale version is **63.3572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **32.1692, 0.4063, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **57.1186, 0.4134, 0.3948**, and if you desaturate by 10%, it is **69.7550, 0.3653, 0.3676**.

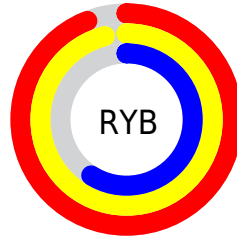
# Distribution



Red (96%)

Green (78%)

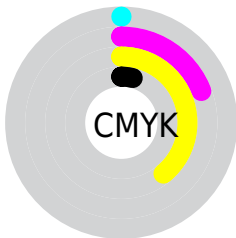
Blue (59%)



Red (94%)

Yellow (96%)

Blue (59%)

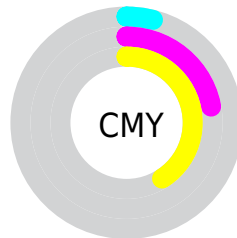


Cyan (0%)

Magenta (19%)

Yellow (39%)

Black (4%)



Cyan (4%)

Magenta (22%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1357, 0.3883, 0.3816 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 Yxy color 63.1357, 0.3883, 0.3816 by changing the saturation by 10% instead.



 63.1357, 0.3883,  
0.3816


 63.1357, 0.3883,  
0.3816


436.0618, 0.3525,  
0.3577

 45.9510, 0.3966,  
0.3868


 109.3653, 0.3758,  
0.3735

 32.2072, 0.4068,  
0.3931


 139.1789, 0.3709,  
0.3703

 21.5198, 0.4197,  
0.4007


173.9710, 0.3668,  
0.3675

 13.5045, 0.4363,  
0.4099

214.1259, 0.3632,  
0.3651

 7.7768, 0.4583,  
0.4211

260.0281, 0.3600,  
0.3629

 3.9525, 0.4893,  
0.4348

312.0618, 0.3572,

 1.6470, 0.5432,

0.3610

0.4568

370.6116, 0.3547,  
0.3593

0.3890, 0.6108,  
0.3892

0.0000, 0.0000,  
0.0000

63.1357, 0.3883,  
0.3816

63.1357, 0.3883,  
0.3816

57.1186, 0.4134,  
0.3948

69.7550, 0.3653,  
0.3676

51.6747, 0.4400,  
0.4063

76.9865, 0.3448,  
0.3536

46.7852, 0.4671,  
0.4149

84.8513, 0.3266,  
0.3401

42.4263, 0.4932,  
0.4191

93.3662, 0.3106,  
0.3273

■ 38.5716, 0.5166,  
0.4181

■ 98.3323, 0.3072,  
0.3290

■ 35.1870, 0.5360,  
0.4116

■ 34.7534, 0.5386,  
0.4106

# Harmonies

## Analogous

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



63.1357, 0.3931, 0.3515



63.1357, 0.3883, 0.3816



63.1357, 0.3626, 0.4002

# Triad

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



63.1357, 0.3883, 0.3816



63.1357, 0.2538, 0.3356



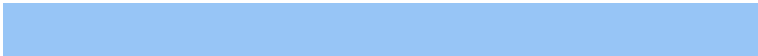
63.1357, 0.2968, 0.2694

# Complementary

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



63.1357, 0.3883, 0.3816



53.1504, 0.2501, 0.2693

# 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.



63.1357, 0.2621, 0.2630



63.1357, 0.3883, 0.3816



63.1357, 0.2385, 0.2980

# Square

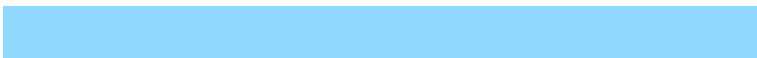
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.1357, 0.3883, 0.3816



63.1357, 0.2847, 0.3742



63.1357, 0.2415, 0.2725



63.1357, 0.3383, 0.2893



# Rectangle

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



63.1357, 0.3883, 0.3816



63.1357, 0.3379, 0.4018



63.1357, 0.2415, 0.2725



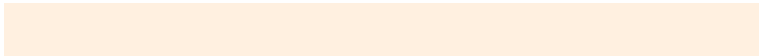
63.1357, 0.2840, 0.2657

# Sweetspot

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



63.1387, 0.3883, 0.3816



89.0952, 0.3325, 0.3446



45.8196, 0.3604, 0.2784



18.8291, 0.3349, 0.3464



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.1387, 0.3883, 0.3816



63.5775, 0.4068, 0.3916



87.7360, 0.3708, 0.4250



17.8968, 0.3281, 0.3412



18.8330, 0.5361, 0.4125



1.8610, 0.5175, 0.4273



# Inverse Universe

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



53.1504, 0.2501, 0.2693



51.3929, 0.2379, 0.2553



35.3586, 0.2413, 0.2109



17.2506, 0.2980, 0.3165



10.8806, 0.1757, 0.1524



1.1611, 0.1821, 0.1755



# Previews

## White Background



This preview shows how the Yxy color 63.1357, 0.3883, 0.3816 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 Yxy color 63.1357, 0.3883, 0.3816 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

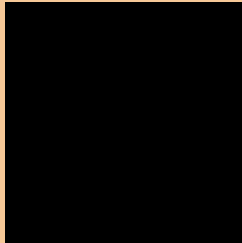
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 63.1357, 0.3883, 0.3816**

## **Background**



This preview shows how black text looks on a background with the Yxy color 63.1357, 0.3883, 0.3816.



This preview shows how white text looks on a background with the Yxy color 63.1357, 0.3883, 0.3816.

# 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

63.1357, 0.3883, 0.3816

### Protanopia

63.1663, 0.3632, 0.3895

### Deuteranopia

63.3171, 0.3891, 0.3814



## Tritanopia

63.3404, 0.3500, 0.3146

# Trichromacy



**Original Color**

63.1357, 0.3883, 0.3816

**Protanomaly**

62.9847, 0.3716, 0.3861

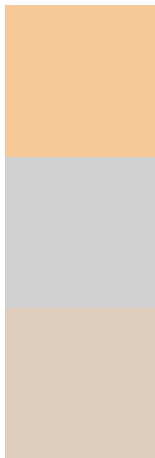
**Deuteranomaly**

63.3171, 0.3891, 0.3814

**Tritanomaly**

63.3917, 0.3640, 0.3387

# Monochromacy



**Original Color**

63.1357, 0.3883, 0.3816

**Achromatopsia**

63.0757, 0.3127, 0.3290

**Achromatomaly**

62.7801, 0.3392, 0.3495

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 63.1357, 0.3883, 0.3816 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(246, 200, 151)` looks like.

```
.text, #text, p{  
    color:rgb(246, 200, 151)  
}
```

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(246, 200, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 200, 151) }
```

## Border

The CSS property to change the border of an element to Yxy 63.1357, 0.3883, 0.3816 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(246, 200, 151) }
```

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

```
.border{ border-color:rgb(246, 200, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 200, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 200, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 200, 151);  
box-shadow:4px 4px 4px 4px rgb(246, 200,  
151) }
```



# Background

The CSS property to change the background color of an element to Yxy 63.1357, 0.3883, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 200, 151) }
```

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

```
.background{ background-color: rgb(246,  
200, 151) }
```

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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