

# Converting Colors

Yxy(65.3125, 0.3814, 0.3750)

Have a look what the booklet for  
Yxy(65.3125, 0.3814, 0.3750)  
contains.

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# Color

**Yxy(65.2064, 0.3818, 0.3748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8CBA0
RGB	248, 203, 160
RGB Percent	97%, 80%, 63%
CMY	0.0273, 0.2040, 0.3725
CMYK	0.00, 0.18, 0.35, 0.03
HSL	29°, 86%, 80%
HSV	29°, 35%, 97%
XYZ	66.4242, 65.2064, 42.3459
YIQ	211.5530, 40.6230, -3.8330

# Conversions

## Conversions Part 2

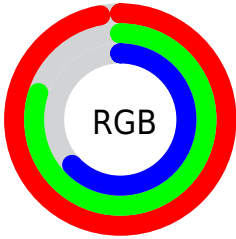
Format	Color
R <sub>Y</sub> B	248, 244, 160
Decimal	16305056
CIE Lab	84.59, 10.13, 27.44
CIE LCh	85, 29.255, 69.735
Yxy	65.2064, 0.3818, 0.3748
Android (android.graphics.Color)	4294495136 (0xFFFF8CBA0)
YUV	211.5530, -25.4156, 31.9640
Hunter-Lab	80.7505, 5.5183, 25.4334

# Details

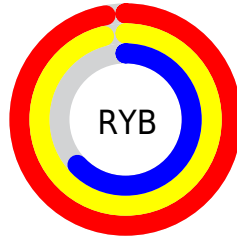
The Yxy color **65.2064, 0.3818, 0.3748** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.9467, 0.2557, 0.2780**, and the grayscale version is **65.6820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **33.5248, 0.3985, 0.3851** is the 20% darker color. If you saturate the color by 10%, you get **58.6742, 0.4070, 0.3877**, and if you desaturate by 10%, it is **72.4088, 0.3591, 0.3615**.

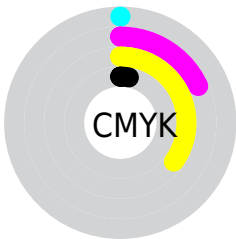
# Distribution



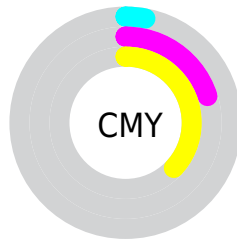
- Red (97%)
- Green (80%)
- Blue (63%)



- Red (97%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2064, 0.3818, 0.3748 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 65.2064, 0.3818, 0.3748 by changing the saturation by 10% instead.




 65.2064, 0.3818,  
0.3748

 65.2064, 0.3818,  
0.3748

443.5333, 0.3491,  
0.3541

 47.6285, 0.3893,  
0.3793


 112.3465, 0.3704,  
0.3678

 33.5328, 0.3987,  
0.3848


 142.6775, 0.3660,  
0.3650

 22.5349, 0.4105,  
0.3915


178.0283, 0.3622,  
0.3626

 14.2504, 0.4259,  
0.3997

218.7834, 0.3589,  
0.3604

 8.2951, 0.4464,  
0.4099

265.3270, 0.3560,  
0.3586

 4.2843, 0.4749,  
0.4220

318.0436, 0.3534,

 1.8338, 0.5427,

0.3569

0.4573

377.3175, 0.3512,  
0.3554

0.5081, 0.5897,  
0.4103

0.0000, 0.0000,  
0.0000

65.2064, 0.3818,  
0.3748

65.2064, 0.3818,  
0.3748

58.6742, 0.4070,  
0.3877

72.4088, 0.3591,  
0.3615

52.7810, 0.4342,  
0.3992

80.2931, 0.3390,  
0.3483

47.5063, 0.4625,  
0.4082

88.8821, 0.3214,  
0.3356

42.8245, 0.4905,  
0.4133

97.9194, 0.3085,  
0.3278

■ 38.7073, 0.5163,  
0.4133

■ 98.7043, 0.3084,  
0.3290

■ 35.1223, 0.5382,  
0.4078

■ 33.6637, 0.5469,  
0.4040

# Harmonies

## Analogous

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



65.2064, 0.3842, 0.3473



65.2064, 0.3818, 0.3748



65.2064, 0.3602, 0.3923

# Triad

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



65.2064, 0.3818, 0.3748



65.2064, 0.2614, 0.3381



65.2064, 0.2957, 0.2741

# Complementary

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



65.2064, 0.3818, 0.3748



57.9467, 0.2557, 0.2780

# 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.



65.2064, 0.2650, 0.2695



65.2064, 0.3818, 0.3748



65.2064, 0.2462, 0.3039

# Square

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



65.2064, 0.3818, 0.3748



65.2064, 0.2904, 0.3717



65.2064, 0.2475, 0.2795



65.2064, 0.3328, 0.2912



# Rectangle

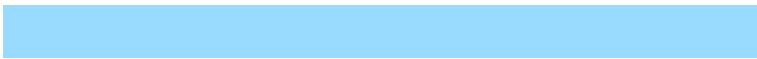
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2064, 0.3818, 0.3748



65.2064, 0.3385, 0.3944



65.2064, 0.2475, 0.2795



65.2064, 0.2843, 0.2710

# Sweetspot

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



65.2094, 0.3818, 0.3748



89.5038, 0.3308, 0.3425



49.5404, 0.3539, 0.2811



18.8943, 0.3333, 0.3442



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.



65.2094, 0.3818, 0.3748



64.1087, 0.4006, 0.3846



88.7649, 0.3667, 0.4163



18.6243, 0.3282, 0.3406



18.4571, 0.5444, 0.4060

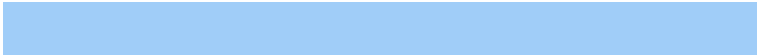


1.9209, 0.5255, 0.4209

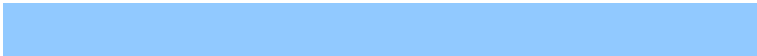


# Inverse Universe

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



57.9467, 0.2557, 0.2780



55.2624, 0.2434, 0.2649



39.9107, 0.2482, 0.2237



18.1119, 0.2980, 0.3171



12.1315, 0.1782, 0.1615

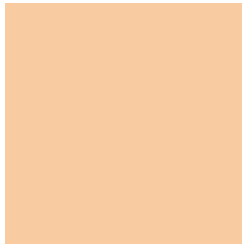


1.3359, 0.1841, 0.1827



# Previews

## White Background



This preview shows how the Yxy color 65.2064, 0.3818, 0.3748 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

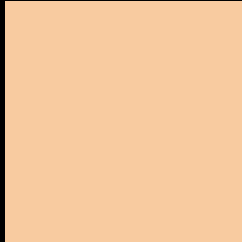
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 65.2064, 0.3818, 0.3748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

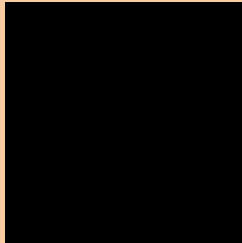
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 65.2064, 0.3818, 0.3748**

## Background



This preview shows how black text looks on a background with the Yxy color 65.2064, 0.3818, 0.3748.



This preview shows how white text looks on a background with the Yxy color 65.2064, 0.3818, 0.3748.

# 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

65.2064, 0.3818, 0.3748

### Protanopia

65.2764, 0.3574, 0.3821

### Deuteranopia

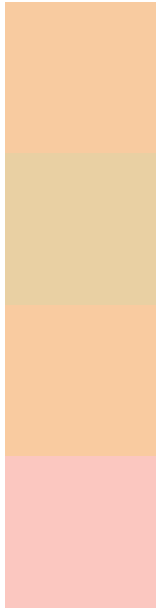
65.3897, 0.3826, 0.3747



## Tritanopia

65.0657, 0.3471, 0.3136

# Trichromacy



**Original Color**

65.2064, 0.3818, 0.3748

**Protanomaly**

65.0797, 0.3655, 0.3789

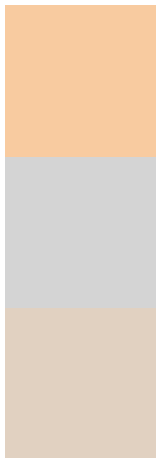
**Deuteranomaly**

65.3897, 0.3826, 0.3747

**Tritanomaly**

65.1618, 0.3600, 0.3365

# Monochromacy



**Original Color**

65.2064, 0.3818, 0.3748

**Achromatopsia**

65.8375, 0.3127, 0.3290

**Achromatomaly**

65.4587, 0.3364, 0.3469

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 65.2064, 0.3818, 0.3748 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(248, 203, 160)` looks like.

```
.text, #text, p{  
    color:rgb(248, 203, 160)  
}
```

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(248, 203, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 203, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 65.2064, 0.3818, 0.3748 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(248, 203, 160) }
```

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

```
.border{ border-color:rgb(248, 203, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 203, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 203, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 203, 160);  
box-shadow:4px 4px 4px 4px rgb(248, 203,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 65.2064, 0.3818, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 203, 160) }
```

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

```
.background{ background-color: rgb(248,  
203, 160) }
```

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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