

# Converting Colors

$Y_{xy}(60.7292, 0.4075, 0.3818)$

Have a look what the booklet for  
Yxy(60.7292, 0.4075, 0.3818)  
contains.

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# **Color**

**Yxy(60.8824, 0.4074, 0.3822)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC08D
RGB	255, 192, 141
RGB Percent	100%, 75%, 55%
CMY	0.0000, 0.2470, 0.4472
CMYK	0.00, 0.25, 0.45, 0.00
HSL	27°, 100%, 78%
HSV	27°, 45%, 100%
XYZ	64.8966, 60.8824, 33.5156
YIQ	205.0230, 53.9190, -2.5050

# Conversions

## Conversions Part 2

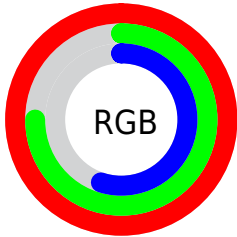
Format	Color
R <sub>Y</sub> B	255, 233, 141
Decimal	16760973
CIE Lab	82.32, 16.51, 34.47
CIE LCh	82, 38.220, 64.409
Yxy	60.8824, 0.4074, 0.3822
Android (android.graphics.Color)	4294951053 (0xFFFFC08D)
YUV	205.0230, -31.5633, 43.8298
Hunter-Lab	78.0272, 11.9141, 29.1518

# Details

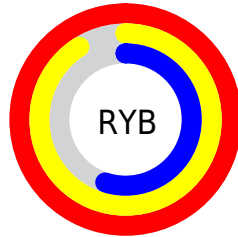
The Yxy color **60.8824, 0.4074, 0.3822** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0449, 0.2417, 0.2676**, and the grayscale version is **61.2438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3349, 0.3499, 0.3816**, and **30.6509, 0.4311, 0.3921** is the 20% darker color. If you saturate the color by 10%, you get **54.3178, 0.4359, 0.3929**, and if you desaturate by 10%, it is **68.2177, 0.3813, 0.3703**.

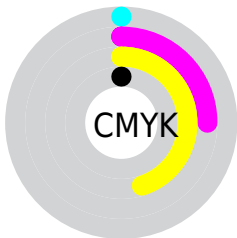
# Distribution



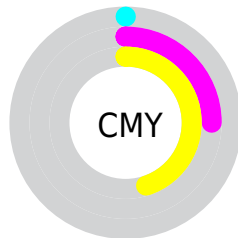
- Red (100%)
- Green (75%)
- Blue (55%)



- Red (100%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8824, 0.4074, 0.3822 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 60.8824, 0.4074, 0.3822 by changing the saturation by 10% instead.




 60.8824, 0.4074,  
0.3822


 60.8824, 0.4074,  
0.3822


427.8427, 0.3622,  
0.3588


 44.1303, 0.4178,  
0.3870


 106.1086, 0.3916,  
0.3744

 30.7729, 0.4307,  
0.3927


 135.3515, 0.3855,  
0.3713

 20.4260, 0.4469,  
0.3992


 169.5268, 0.3802,  
0.3686

 12.7051, 0.4677,  
0.4066

209.0189, 0.3757,  
0.3661

 7.2258, 0.4949,  
0.4142

254.2121, 0.3717,  
0.3640

 3.6037, 0.5400,  
0.4269

305.4909, 0.3682,

 1.4544, 0.5817,

0.3621

0.4183

363.2396, 0.3650,  
0.3603

0.2563, 0.7161,  
0.2839

0.0000, 0.0000,  
0.0000

60.8824, 0.4074,  
0.3822

60.8824, 0.4074,  
0.3822

54.3178, 0.4359,  
0.3929

68.2177, 0.3813,  
0.3703

48.4894, 0.4660,  
0.4012

76.3447, 0.3581,  
0.3579

43.3680, 0.4962,  
0.4057

85.2907, 0.3378,  
0.3458

38.9196, 0.5243,  
0.4052

95.0799, 0.3202,  
0.3342

■ 35.1055, 0.5482,  
0.3991

100.0000, 0.3127,  
0.3290

■ 33.3260, 0.5592,  
0.3942

# Harmonies

## Analogous

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



60.8824, 0.4062, 0.3446



60.8824, 0.4074, 0.3822



60.8824, 0.3818, 0.4102

# Triad

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



60.8824, 0.4074, 0.3822



60.8824, 0.2502, 0.3493



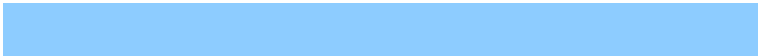
60.8824, 0.2815, 0.2551

# Complementary

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



60.8824, 0.4074, 0.3822



56.0449, 0.2417, 0.2676

# 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.



60.8824, 0.2444, 0.2518



60.8824, 0.4074, 0.3822



60.8824, 0.2274, 0.3017

# Square

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



60.8824, 0.4074, 0.3822



60.8824, 0.2904, 0.3941



60.8824, 0.2255, 0.2673



60.8824, 0.3301, 0.2747



# Rectangle

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



60.8824, 0.4074, 0.3822



60.8824, 0.3542, 0.4176



60.8824, 0.2255, 0.2673



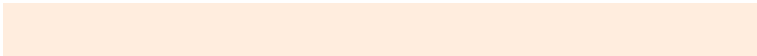
60.8824, 0.2674, 0.2521

# Sweetspot

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



60.8843, 0.4074, 0.3822



86.9138, 0.3346, 0.3438



44.7352, 0.3636, 0.2630



18.1583, 0.3387, 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.



60.8843, 0.4074, 0.3822



54.7656, 0.4338, 0.3922



89.9470, 0.3824, 0.4330



19.3257, 0.3283, 0.3397



17.7014, 0.5564, 0.3964

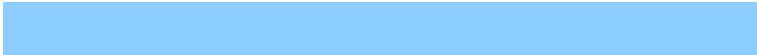


1.9377, 0.5369, 0.4119

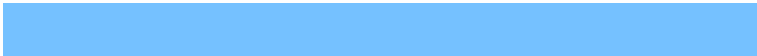


# Inverse Universe

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



56.0449, 0.2417, 0.2676



49.3242, 0.2278, 0.2521



34.2375, 0.2294, 0.1978



19.0416, 0.2979, 0.3181



14.0078, 0.1820, 0.1753



1.5821, 0.1873, 0.1942



# Previews

## White Background



This preview shows how the Yxy color 60.8824, 0.4074, 0.3822 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 60.8824, 0.4074, 0.3822 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

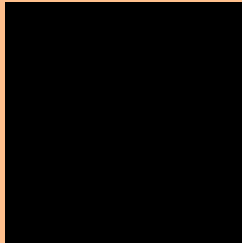
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.8824, 0.4074, 0.3822**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.8824, 0.4074, 0.3822.



This preview shows how white text looks on a background with the Yxy color 60.8824, 0.4074, 0.3822.

# 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

60.8824, 0.4074, 0.3822

### Protanopia

61.1101, 0.3692, 0.3970

### Deuteranopia

60.7858, 0.3978, 0.3892



## Tritanopia

60.9242, 0.3603, 0.3167

# Trichromacy



**Original Color**

60.8824, 0.4074, 0.3822

**Protanomaly**

60.6458, 0.3828, 0.3915

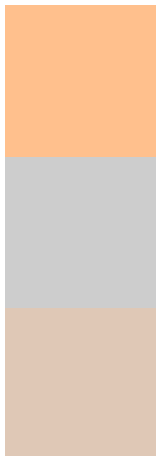
**Deuteranomaly**

61.0634, 0.4016, 0.3874

**Tritanomaly**

60.8695, 0.3777, 0.3407

# Monochromacy



**Original Color**

60.8824, 0.4074, 0.3822

**Achromatopsia**

61.0496, 0.3127, 0.3290

**Achromatomaly**

60.3739, 0.3447, 0.3496

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8824, 0.4074, 0.3822 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, 192, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 141)  
}
```

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, 192, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 141) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8824, 0.4074, 0.3822 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, 192, 141) }
```

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

```
.border{ border-color:rgb(255, 192, 141) }
```

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

Here you see how a box with a 4 pixel rgb(255, 192, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
141) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8824, 0.4074, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 141) }
```

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

```
.background{ background-color: rgb(255,  
192, 141) }
```

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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