

# Converting Colors

$Yxy(60.7368, 0.4113, 0.3871)$

Have a look what the booklet for  
Yxy(60.7368, 0.4113, 0.3871)  
contains.

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# **Color**

**Yxy(60.7368, 0.4113, 0.3871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC088
RGB	255, 192, 136
RGB Percent	100%, 75%, 53%
CMY	0.0000, 0.2470, 0.4665
CMYK	0.00, 0.25, 0.47, 0.00
HSL	28°, 100%, 77%
HSV	28°, 47%, 100%
XYZ	64.5338, 60.7368, 31.6315
YIQ	204.4530, 55.5240, -4.0600

# Conversions

## Conversions Part 2

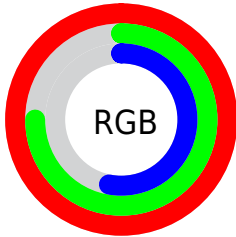
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 242, 136
Decimal	16760968
CIE <sub>Lab</sub>	82.24, 16.02, 36.91
CIE <sub>LCh</sub>	82, 40.243, 66.534
Yxy	60.7368, 0.4113, 0.3871
Android (android.graphics.Color)	4294951048 (0xFFFFC088)
YUV	204.4530, -33.7473, 44.3297
Hunter-Lab	77.9338, 11.4244, 30.4893

# Details

The Yxy color **60.7368, 0.4113, 0.3871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3188, 0.2381, 0.2610**, and the grayscale version is **60.8804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1125, 0.3530, 0.3866**, and **30.5686, 0.4362, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **54.4382, 0.4394, 0.3980**, and if you desaturate by 10%, it is **67.7578, 0.3853, 0.3748**.

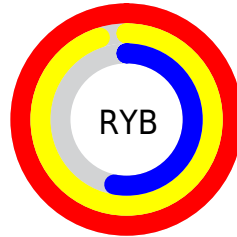
# Distribution



Red (100%)

Green (75%)

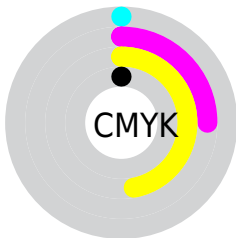
Blue (53%)



Red (100%)

Yellow (95%)

Blue (53%)

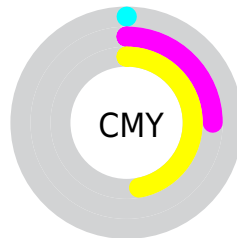


Cyan (0%)

Magenta (25%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7368, 0.4113, 0.3871 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 60.7368, 0.4113, 0.3871 by changing the saturation by 10% instead.





 60.7368, 0.4113,  
0.3871


 60.7368, 0.4113,  
0.3871


427.3083, 0.3644,  
0.3616


 44.0128, 0.4221,  
0.3924


 105.8978, 0.3949,  
0.3787

 30.6806, 0.4353,  
0.3984


 135.1035, 0.3886,  
0.3752

 20.3557, 0.4519,  
0.4055


 169.2386, 0.3831,  
0.3722

 12.6539, 0.4729,  
0.4133

208.6874, 0.3784,  
0.3696

 7.1906, 0.5001,  
0.4211

253.8344, 0.3742,  
0.3672

 3.5816, 0.5499,  
0.4380


305.0640, 0.3706,

 1.4424, 0.5794,


0.3651

0.4206


362.7605, 0.3673,  
0.3633


 0.2477, 0.7167,  
0.2833


 0.0000, 0.0000,  
0.0000


 60.7368, 0.4113,  
0.3871

 60.7368, 0.4113,  
0.3871

 54.4382, 0.4394,  
0.3980

 67.7578, 0.3853,  
0.3748


 48.8261, 0.4686,  
0.4061

 75.5175, 0.3620,  
0.3619

 43.8743, 0.4974,  
0.4103

 84.0427, 0.3414,  
0.3491

 39.5504, 0.5237,  
0.4092

 93.3559, 0.3234,  
0.3368

■ 35.8168, 0.5457,  
0.4026

99.9984, 0.3127,  
0.3290

■ 34.6833, 0.5524,  
0.3996

# Harmonies

## Analogous

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



60.7368, 0.4124, 0.3479



60.7368, 0.4113, 0.3871



60.7368, 0.3825, 0.4157

# Triad

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



60.7368, 0.4113, 0.3871



60.7368, 0.2446, 0.3466



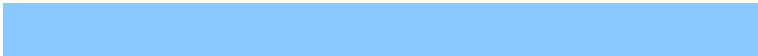
60.7368, 0.2831, 0.2525

# Complementary

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



60.7368, 0.4113, 0.3871



53.3188, 0.2381, 0.2610

# 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.



60.7368, 0.2431, 0.2477



60.7368, 0.4113, 0.3871



60.7368, 0.2224, 0.2969

# Square

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



60.7368, 0.4113, 0.3871



60.7368, 0.2856, 0.3951



60.7368, 0.2220, 0.2622



60.7368, 0.3347, 0.2740



# Rectangle

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



60.7368, 0.4113, 0.3871



60.7368, 0.3527, 0.4226



60.7368, 0.2220, 0.2622



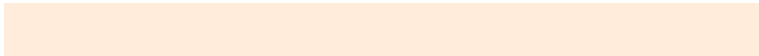
60.7368, 0.2680, 0.2489

# Sweetspot

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



60.7397, 0.4113, 0.3871



86.4364, 0.3364, 0.3457



43.0260, 0.3709, 0.2641



18.0835, 0.3404, 0.3484



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.



60.7397, 0.4113, 0.3871



54.8285, 0.4375, 0.3973



92.0482, 0.3835, 0.4402



19.3963, 0.3282, 0.3402



18.4174, 0.5497, 0.4017



2.0098, 0.5310, 0.4165



# Inverse Universe

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



53.3188, 0.2381, 0.2610



46.5659, 0.2240, 0.2443



31.2173, 0.2245, 0.1864



18.9702, 0.2979, 0.3175



13.1329, 0.1798, 0.1674



1.4976, 0.1853, 0.1871



# Previews

## White Background



This preview shows how the Yxy color 60.7368, 0.4113, 0.3871 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 60.7368, 0.4113, 0.3871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

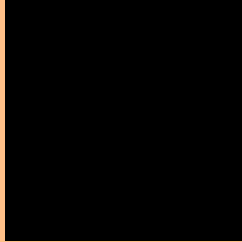
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.7368, 0.4113, 0.3871**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.7368, 0.4113, 0.3871.



This preview shows how white text looks on a background with the Yxy color 60.7368, 0.4113, 0.3871.

# 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

60.7368, 0.4113, 0.3871

### Protanopia

60.9579, 0.3729, 0.4026

### Deuteranopia

60.8220, 0.4025, 0.3941



## Tritanopia

60.9242, 0.3603, 0.3167

# Trichromacy



**Original Color**

60.7368, 0.4113, 0.3871

**Protanomaly**

60.4963, 0.3866, 0.3969

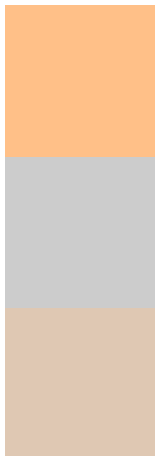
**Deuteranomaly**

60.9192, 0.4055, 0.3924

**Tritanomaly**

60.7898, 0.3794, 0.3428

# Monochromacy



**Original Color**

60.7368, 0.4113, 0.3871

**Achromatopsia**

60.3827, 0.3127, 0.3290

**Achromatomaly**

60.2512, 0.3471, 0.3531

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.7368, 0.4113, 0.3871 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 136) }
```

## Border

The CSS property to change the border of an element to Yxy 60.7368, 0.4113, 0.3871 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, 136) }
```

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

```
.border{ border-color:rgb(255, 192, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
136) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.7368, 0.4113, 0.3871 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
192, 136) }
```

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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