

# Converting Colors

$Y_{xy}(62.1543, 0.4075, 0.3871)$

Have a look what the booklet for  
Yxy(62.1543, 0.4075, 0.3871)  
contains.

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# Color

**Yxy(62.1543, 0.4075, 0.3871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC38B
RGB	255, 195, 139
RGB Percent	100%, 76%, 55%
CMY	0.0000, 0.2354, 0.4548
CMYK	0.00, 0.24, 0.45, 0.00
HSL	29°, 100%, 77%
HSV	29°, 45%, 100%
XYZ	65.4298, 62.1543, 32.9798
YIQ	206.5560, 53.7360, -4.6960

# Conversions

## Conversions Part 2

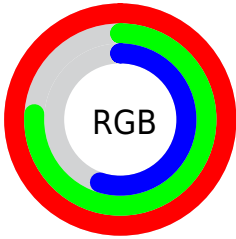
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 247, 139
Decimal	16761739
CIE <sub>Lab</sub>	83.00, 14.78, 36.37
CIE <sub>LCh</sub>	83, 39.255, 67.882
Y <sub>xy</sub>	62.1543, 0.4075, 0.3871
Android (android.graphics.Color)	4294951819 (0xFFFFC38B)
YUV	206.5560, -33.3051, 42.4854
Hunter-Lab	78.8380, 10.1755, 30.3842

# Details

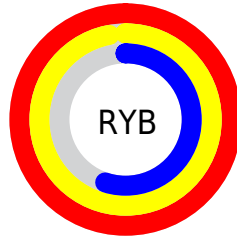
The Yxy color **62.1543, 0.4075, 0.3871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.5715, 0.2396, 0.2612**, and the grayscale version is **62.2827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7311, 0.3502, 0.3872**, and **31.4901, 0.4307, 0.3983** is the 20% darker color. If you saturate the color by 10%, you get **55.8337, 0.4349, 0.3985**, and if you desaturate by 10%, it is **69.1583, 0.3821, 0.3744**.

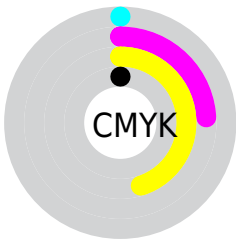
# Distribution



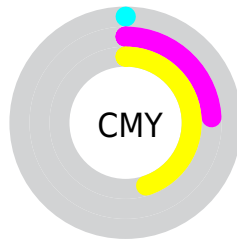
- Red (100%)
- Green (76%)
- Blue (55%)



- Red (100%)
- Yellow (97%)
- Blue (55%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1543, 0.4075, 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 62.1543, 0.4075, 0.3871 by changing the saturation by 10% instead.





 62.1543, 0.4075,  
0.3871

 62.1543, 0.4075,  
0.3871


432.4937, 0.3626,  
0.3615


 45.1574, 0.4178,  
0.3924


 107.9485, 0.3918,  
0.3786

 31.5814, 0.4304,  
0.3986


 137.5146, 0.3858,  
0.3752

 21.0420, 0.4462,  
0.4059


 172.0392, 0.3805,  
0.3721

 13.1547, 0.4663,  
0.4141

211.9067, 0.3760,  
0.3695

 7.5352, 0.4922,  
0.4228

257.5015, 0.3720,  
0.3671

 3.7990, 0.5358,  
0.4378

309.2080, 0.3685,

 1.5618, 0.5707,

0.3650

0.4293

367.4106, 0.3654,  
0.3632

0.3316, 0.6709,  
0.3291

0.0000, 0.0000,  
0.0000

62.1543, 0.4075,  
0.3871

62.1543, 0.4075,  
0.3871

55.8337, 0.4349,  
0.3985

69.1583, 0.3821,  
0.3744

50.1903, 0.4635,  
0.4073

76.8891, 0.3593,  
0.3611

45.1896, 0.4918,  
0.4123

85.3630, 0.3391,  
0.3481

40.8008, 0.5179,  
0.4121

94.6015, 0.3214,  
0.3355

■ 36.9886, 0.5400,  
0.4064

100.0000, 0.3127,  
0.3290

■ 35.4387, 0.5488,  
0.4024

# Harmonies

## Analogous

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



62.1543, 0.4097, 0.3493



62.1543, 0.4075, 0.3871



62.1543, 0.3787, 0.4139

# Triad

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



62.1543, 0.4075, 0.3871



62.1543, 0.2453, 0.3438



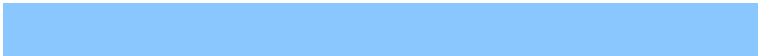
62.1543, 0.2862, 0.2553

# Complementary

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



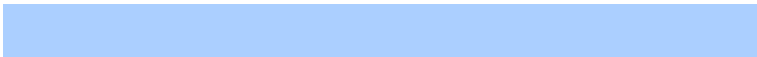
62.1543, 0.4075, 0.3871



53.5715, 0.2396, 0.2612

# 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.



62.1543, 0.2466, 0.2499



62.1543, 0.4075, 0.3871



62.1543, 0.2245, 0.2962

# Square

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



62.1543, 0.4075, 0.3871



62.1543, 0.2845, 0.3910



62.1543, 0.2251, 0.2632



62.1543, 0.3363, 0.2769



# Rectangle

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



62.1543, 0.4075, 0.3871



62.1543, 0.3495, 0.4195



62.1543, 0.2251, 0.2632



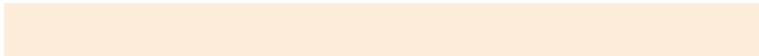
62.1543, 0.2713, 0.2515

# Sweetspot

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



62.1478, 0.4075, 0.3871



86.6852, 0.3363, 0.3462



43.9409, 0.3688, 0.2657



18.1439, 0.3403, 0.3489



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.



62.1478, 0.4075, 0.3871



56.1237, 0.4335, 0.3980



92.2026, 0.3819, 0.4377



19.4336, 0.3282, 0.3405



18.8132, 0.5462, 0.4045

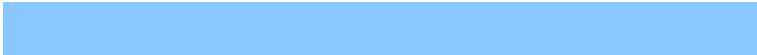


2.0493, 0.5279, 0.4190



# Inverse Universe

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



53.5715, 0.2396, 0.2612



46.5252, 0.2250, 0.2439



32.3198, 0.2270, 0.1905



18.9326, 0.2979, 0.3172



12.6890, 0.1787, 0.1632



1.4543, 0.1843, 0.1833



# Previews

## White Background



This preview shows how the Yxy color 62.1543, 0.4075, 0.3871 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

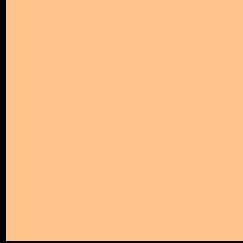
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.1543, 0.4075, 0.3871 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

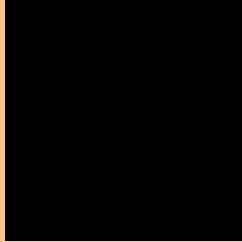
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.1543, 0.4075, 0.3871**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.1543, 0.4075, 0.3871.



This preview shows how white text looks on a background with the Yxy color 62.1543, 0.4075, 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

62.1543, 0.4075, 0.3871

### Protanopia

62.4866, 0.3725, 0.4007

### Deuteranopia

62.1796, 0.4009, 0.3926



## Tritanopia

61.9195, 0.3574, 0.3157

# Trichromacy



## Original Color

62.1543, 0.4075, 0.3871

## Protanomaly

62.3270, 0.3847, 0.3963

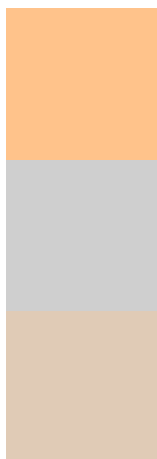
## Deuteranomaly

62.2767, 0.4039, 0.3910

## Tritanomaly

61.7763, 0.3762, 0.3417

# Monochromacy



## Original Color

62.1543, 0.4075, 0.3871

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

61.9366, 0.3450, 0.3529

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.1543, 0.4075, 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, 195, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 139)  
}
```

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, 195, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 62.1543, 0.4075, 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, 195, 139) }
```

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

```
.border{ border-color:rgb(255, 195, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
139) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.1543, 0.4075, 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, 195, 139) }
```

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

```
.background{ background-color: rgb(255,  
195, 139) }
```

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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