

# Converting Colors

Yxy(61.9305, 0.3848, 0.3657)

Have a look what the booklet for  
Yxy(61.9305, 0.3848, 0.3657)  
contains.

<b>Yxy(61.7432, 0.3848, 0.3654)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(61.7432, 0.3848, 0.3654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9C3A1
RGB	249, 195, 161
RGB Percent	98%, 76%, 63%
CMY	0.0234, 0.2353, 0.3686
CMYK	0.00, 0.22, 0.35, 0.02
HSL	23°, 88%, 80%
HSV	23°, 35%, 98%
XYZ	65.0213, 61.7432, 42.2098
YIQ	207.2700, 43.0980, 0.8740

# Conversions

## Conversions Part 2

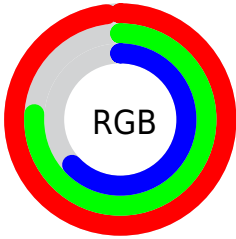
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 216, 161
Decimal	16368545
CIE <sub>Lab</sub>	82.78, 14.80, 24.47
CIE <sub>LCh</sub>	83, 28.603, 58.834
Yxy	61.7432, 0.3848, 0.3654
Android (android.graphics.Color)	4294558625 (0xFFFF9C3A1)
YUV	207.2700, -22.8111, 36.5972
Hunter-Lab	78.5768, 10.1969, 23.1545

# Details

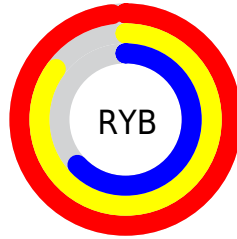
The Yxy color **61.7432, 0.3848, 0.3654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.0345, 0.2574, 0.2892**, and the grayscale version is **62.7119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8387, 0.3362, 0.3643**, and **31.2302, 0.4034, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **54.4507, 0.4125, 0.3757**, and if you desaturate by 10%, it is **69.9176, 0.3604, 0.3547**.

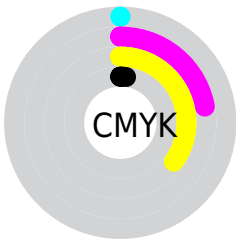
# Distribution



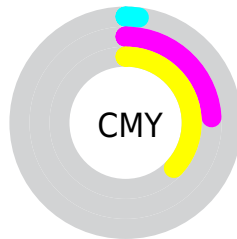
- Red (98%)
- Green (76%)
- Blue (63%)



- Red (98%)
- Yellow (85%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (2%)




- Cyan (2%)
- Magenta (24%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7432, 0.3848, 0.3654 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 61.7432, 0.3848, 0.3654 by changing the saturation by 10% instead.





 61.7432, 0.3848,  
0.3654

 61.7432, 0.3848,  
0.3654

430.9938, 0.3502,  
0.3491

 44.8252, 0.3929,  
0.3689


 107.3543, 0.3726,  
0.3599

 31.3198, 0.4031,  
0.3731


 136.8162, 0.3679,  
0.3577

 20.8425, 0.4160,  
0.3782


171.2282, 0.3639,  
0.3558

 13.0089, 0.4331,  
0.3843

210.9748, 0.3604,  
0.3541

 7.4347, 0.4565,  
0.3916

256.4402, 0.3574,  
0.3527

 3.7354, 0.4897,  
0.3995

308.0089, 0.3547,

 1.5267, 0.5714,

0.3513

0.4286

366.0653, 0.3524,  
0.3502

0.3074, 0.6801,  
0.3199

0.0000, 0.0000,  
0.0000

61.7432, 0.3848,  
0.3654

61.7432, 0.3848,  
0.3654

54.4507, 0.4125,  
0.3757

69.9176, 0.3604,  
0.3547

48.0000, 0.4433,  
0.3848

78.9949, 0.3393,  
0.3442

42.3604, 0.4762,  
0.3914

89.0062, 0.3213,  
0.3341

37.4958, 0.5094,  
0.3943

98.8840, 0.3090,  
0.3290

■ 33.3663, 0.5403,  
0.3924

■ 29.9272, 0.5662,  
0.3850

■ 28.5413, 0.5767,  
0.3803

# Harmonies

## Analogous

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



61.7432, 0.3795, 0.3363



61.7432, 0.3848, 0.3654



61.7432, 0.3697, 0.3873

# Triad

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



61.7432, 0.3848, 0.3654



61.7432, 0.2708, 0.3510



61.7432, 0.2835, 0.2710

# Complementary

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



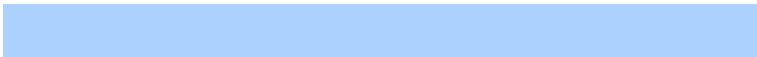
61.7432, 0.3848, 0.3654



63.0345, 0.2574, 0.2892

# 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.



61.7432, 0.2571, 0.2717



61.7432, 0.3848, 0.3654



61.7432, 0.2501, 0.3157

# Square

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



61.7432, 0.3848, 0.3654



61.7432, 0.3032, 0.3810



61.7432, 0.2454, 0.2871



61.7432, 0.3191, 0.2839



# Rectangle

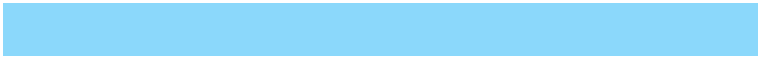
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7432, 0.3848, 0.3654



61.7432, 0.3507, 0.3941



61.7432, 0.2454, 0.2871



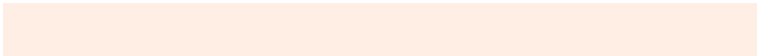
61.7432, 0.2733, 0.2696

# Sweetspot

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



61.7461, 0.3848, 0.3654



87.8260, 0.3312, 0.3397



50.5558, 0.3456, 0.2725



18.4953, 0.3337, 0.3411



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.



61.7461, 0.3848, 0.3654



59.9030, 0.4030, 0.3724



84.3064, 0.3694, 0.4081



18.3243, 0.3284, 0.3382



15.5293, 0.5738, 0.3826

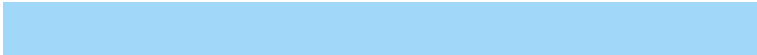


1.6368, 0.5516, 0.4002

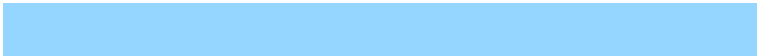


# Inverse Universe

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



63.0345, 0.2574, 0.2892



61.4166, 0.2472, 0.2802



43.6474, 0.2500, 0.2351



18.4169, 0.2980, 0.3196



16.1113, 0.1881, 0.1971



1.6976, 0.1929, 0.2145



# Previews

## White Background



This preview shows how the Yxy color 61.7432, 0.3848, 0.3654 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

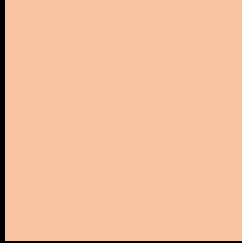
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.7432, 0.3848, 0.3654 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

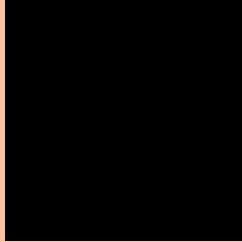
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.7432, 0.3848, 0.3654**

## Background



This preview shows how black text looks on a background with the Yxy color 61.7432, 0.3848, 0.3654.



This preview shows how white text looks on a background with the Yxy color 61.7432, 0.3848, 0.3654.

# 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

61.7432, 0.3848, 0.3654

### Protanopia

61.9559, 0.3523, 0.3753

### Deuteranopia

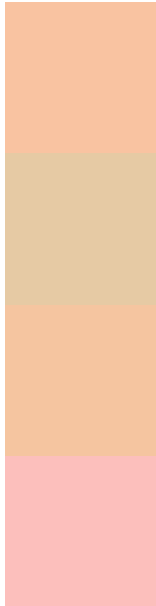
61.8035, 0.3786, 0.3705



## Tritanopia

61.6375, 0.3540, 0.3135

# Trichromacy



**Original Color**

61.7432, 0.3848, 0.3654

**Protanomaly**

61.7444, 0.3641, 0.3718

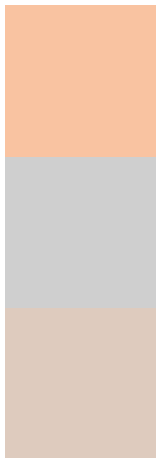
**Deuteranomaly**

61.8830, 0.3815, 0.3691

**Tritanomaly**

61.5879, 0.3661, 0.3323

# Monochromacy



**Original Color**

61.7432, 0.3848, 0.3654

**Achromatopsia**

62.3960, 0.3127, 0.3290

**Achromatomaly**

61.9592, 0.3373, 0.3438

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.7432, 0.3848, 0.3654 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(249, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(249, 195, 161)  
}
```

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(249, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 195, 161) }
```

## Border

The CSS property to change the border of an element to Yxy 61.7432, 0.3848, 0.3654 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(249, 195, 161) }
```

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

```
.border{ border-color:rgb(249, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(249, 195,  
161) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.7432, 0.3848, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 195, 161) }
```

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

```
.background{ background-color: rgb(249,  
195, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor