

# Converting Colors

$Yxy(99.0449, 0.5072, 0.3485)$

Have a look what the booklet for  
Yxy(99.0449, 0.5072, 0.3485)  
contains.

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# Color

**Yxy(57.7753, 0.4028, 0.3638)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB897
RGB	255, 184, 151
RGB Percent	100%, 72%, 59%
CMY	0.0000, 0.2784, 0.4078
CMYK	0.00, 0.28, 0.41, 0.00
HSL	19°, 100%, 80%
HSV	19°, 41%, 100%
XYZ	63.9689, 57.7753, 37.0664
YIQ	201.4670, 52.9090, 4.7890

# Conversions

## Conversions Part 2

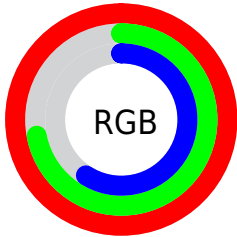
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 199, 151
Decimal	16758935
CIE <sub>Lab</sub>	80.61, 21.74, 26.93
CIE <sub>LCh</sub>	81, 34.605, 51.089
Yxy	57.7753, 0.4028, 0.3638
Android (android.graphics.Color)	4294949015 (0xFFFFB897)
YUV	201.4670, -24.8802, 46.9484
Hunter-Lab	76.0101, 17.2053, 24.2942

# Details

The Yxy color **57.7753, 0.4028, 0.3638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.0531, 0.2505, 0.2905**, and the grayscale version is **58.8482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9880, 0.3451, 0.3640**, and **28.8885, 0.4257, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **50.2420, 0.4345, 0.3718**, and if you desaturate by 10%, it is **66.3819, 0.3750, 0.3551**.

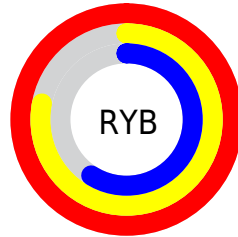
# Distribution



Red (100%)

Green (72%)

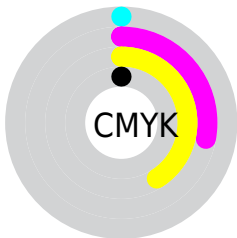
Blue (59%)



Red (100%)

Yellow (78%)

Blue (59%)

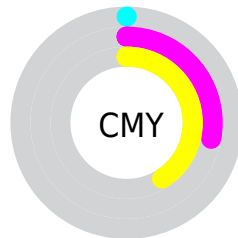


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7753, 0.4028, 0.3638 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 57.7753, 0.4028, 0.3638 by changing the saturation by 10% instead.





 57.7753, 0.4028,  
0.3638

 57.7753, 0.4028,  
0.3638

416.3481, 0.3591,  
0.3488

 41.6280, 0.4132,  
0.3668

 101.5956, 0.3873,  
0.3589

 28.8101, 0.4262,  
0.3703


 130.0374, 0.3814,  
0.3569

 18.9372, 0.4428,  
0.3743

163.3461, 0.3763,  
0.3551

 11.6249, 0.4648,  
0.3786

201.9062, 0.3719,  
0.3535

 6.4888, 0.4949,  
0.3826

246.1021, 0.3681,  
0.3521

 3.1445, 0.5402,  
0.3859

296.3181, 0.3647,

 1.2077, 0.6153,

0.3509

0.3847

352.9386, 0.3617,  
0.3498

0.0679, 0.8975,  
0.1025

0.0000, 0.0000,  
0.0000

57.7753, 0.4028,  
0.3638

57.7753, 0.4028,  
0.3638

50.2420, 0.4345,  
0.3718

66.3819, 0.3750,  
0.3551

43.7324, 0.4695,  
0.3780

76.0973, 0.3512,  
0.3462

38.2013, 0.5062,  
0.3813

86.9623, 0.3310,  
0.3377

33.5973, 0.5418,  
0.3804

99.0138, 0.3139,  
0.3296

■ 29.8634, 0.5728,  
0.3746

100.0000, 0.3127,  
0.3290

■ 27.1280, 0.5953,  
0.3656

# Harmonies

## Analogous

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



57.7753, 0.3897, 0.3277



57.7753, 0.4028, 0.3638



57.7753, 0.3897, 0.3946

# Triad

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



57.7753, 0.4028, 0.3638



57.7753, 0.2700, 0.3674



57.7753, 0.2669, 0.2570

# Complementary

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



57.7753, 0.4028, 0.3638



66.0531, 0.2505, 0.2905

# 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.



57.7753, 0.2393, 0.2617



57.7753, 0.4028, 0.3638



57.7753, 0.2408, 0.3228

# Square

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



57.7753, 0.4028, 0.3638



57.7753, 0.3119, 0.4010



57.7753, 0.2302, 0.2844



57.7753, 0.3083, 0.2688



# Rectangle

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



57.7753, 0.4028, 0.3638



57.7753, 0.3689, 0.4073



57.7753, 0.2302, 0.2844



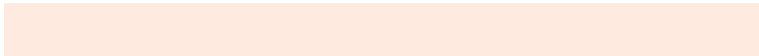
57.7753, 0.2558, 0.2566

# Sweetspot

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



57.7772, 0.4028, 0.3638



85.5698, 0.3333, 0.3387



48.6776, 0.3461, 0.2572



18.0015, 0.3358, 0.3398



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.



57.7772, 0.4028, 0.3638



51.5043, 0.4286, 0.3705



83.4497, 0.3810, 0.4139



18.9273, 0.3286, 0.3366



14.4106, 0.5923, 0.3679

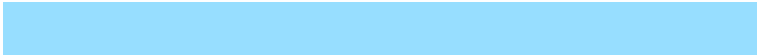


1.5898, 0.5702, 0.3854

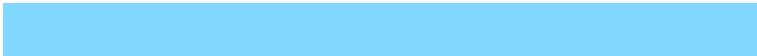


# Inverse Universe

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



66.0531, 0.2505, 0.2905



60.7571, 0.2391, 0.2812



42.5820, 0.2402, 0.2262



19.4525, 0.2980, 0.3213



19.8940, 0.1949, 0.2217



2.1338, 0.1987, 0.2354



# Previews

## White Background



This preview shows how the Yxy color 57.7753, 0.4028, 0.3638 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

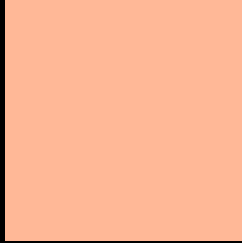
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.7753, 0.4028, 0.3638 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 57.7753, 0.4028, 0.3638**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.7753, 0.4028, 0.3638.



This preview shows how white text looks on a background with the Yxy color 57.7753, 0.4028, 0.3638.

# 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

57.7753, 0.4028, 0.3638

### Protanopia

57.9233, 0.3550, 0.3789

### Deuteranopia

57.7021, 0.3847, 0.3770



## Tritanopia

57.7528, 0.3671, 0.3156

# Trichromacy



## Original Color

57.7753, 0.4028, 0.3638



## Protanomaly

57.4441, 0.3721, 0.3737



## Deuteranomaly

57.6519, 0.3911, 0.3717



## Tritanomaly

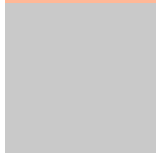
57.5221, 0.3802, 0.3324

# Monochromacy



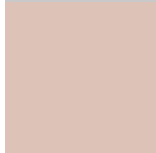
## Original Color

57.7753, 0.4028, 0.3638



## Achromatopsia

58.4078, 0.3127, 0.3290



## Achromatomaly

57.8213, 0.3433, 0.3429

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.7753, 0.4028, 0.3638 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, 184, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 151)  
}
```

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, 184, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 151) }
```

## Border

The CSS property to change the border of an element to Yxy 57.7753, 0.4028, 0.3638 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, 184, 151) }
```

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

```
.border{ border-color:rgb(255, 184, 151) }
```

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

Here you see how a box with a 4 pixel rgb(255, 184, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
151) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.7753, 0.4028, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 151) }
```

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

```
.background{ background-color: rgb(255,  
184, 151) }
```

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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