

# Converting Colors

Yxy(57.9565, 0.4314, 0.3710)

Have a look what the booklet for  
Yxy(57.9565, 0.4314, 0.3710)  
contains.

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# Color

**Yxy(54.8784, 0.4187, 0.3730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFB288
RGB	255, 178, 136
RGB Percent	100%, 70%, 53%
CMY	0.0001, 0.3019, 0.4666
CMYK	0.00, 0.30, 0.47, 0.00
HSL	21°, 100%, 77%
HSV	21°, 47%, 100%
XYZ	61.6021, 54.8784, 30.6466
YIQ	196.2350, 59.3740, 3.2620

# Conversions

## Conversions Part 2

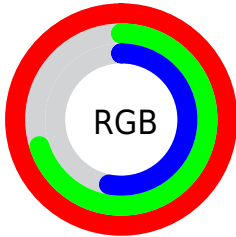
Format	Color
R <sub>Y</sub> B	255, 201, 136
Decimal	16757384
CIE Lab	78.97, 23.34, 32.67
CIE LCh	79, 40.156, 54.456
Yxy	54.8784, 0.4187, 0.3730
Android (android.graphics.Color)	4294947464 (0xFFFFB288)
YUV	196.2350, -29.6959, 51.5369
Hunter-Lab	74.0800, 18.7940, 27.3279

# Details

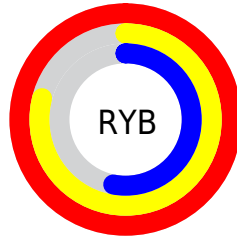
The Yxy color **54.8784, 0.4187, 0.3730** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0435, 0.2413, 0.2786**, and the grayscale version is **55.5078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8233, 0.3562, 0.3734**, and **27.0749, 0.4463, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **48.0640, 0.4511, 0.3810**, and if you desaturate by 10%, it is **62.6604, 0.3896, 0.3637**.

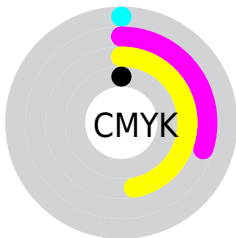
# Distribution



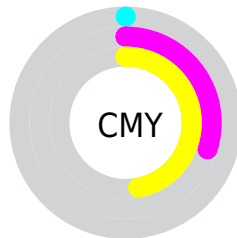
- Red (100%)
- Green (70%)
- Blue (53%)



- Red (100%)
- Yellow (79%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8784, 0.4187, 0.3730 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 54.8784, 0.4187, 0.3730 by changing the saturation by 10% instead.




 54.8784, 0.4187,  
0.3730

 54.8784, 0.4187,  
0.3730


405.4508, 0.3670,  
0.3541

 39.3044, 0.4309,  
0.3767


 97.3628, 0.4004,  
0.3669

 26.9966, 0.4462,  
0.3808


 125.0419, 0.3934,  
0.3644

 17.5707, 0.4656,  
0.3853


 157.5249, 0.3874,  
0.3622

 10.6422, 0.4910,  
0.3897

195.1960, 0.3822,  
0.3602

 5.8268, 0.5247,  
0.3925

238.4398, 0.3777,  
0.3584

 2.7400, 0.5939,  
0.4057

287.6406, 0.3737,

 0.9976, 0.6314,

0.3569

0.3686

343.1828, 0.3702,  
0.3554

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.8784, 0.4187,  
0.3730

54.8784, 0.4187,  
0.3730

48.0640, 0.4511,  
0.3810

62.6604, 0.3896,  
0.3637

42.1687, 0.4857,  
0.3865

71.4395, 0.3641,  
0.3539

37.1517, 0.5205,  
0.3881

81.2540, 0.3422,  
0.3441

32.9649, 0.5524,  
0.3848

92.1375, 0.3235,  
0.3349

■ 29.5540, 0.5784,  
0.3763

99.9975, 0.3127,  
0.3290

■ 28.5693, 0.5860,  
0.3729

# Harmonies

## Analogous

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



54.8784, 0.4070, 0.3313



54.8784, 0.4187, 0.3730



54.8784, 0.3994, 0.4085

# Triad

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



54.8784, 0.4187, 0.3730



54.8784, 0.2575, 0.3688



54.8784, 0.2635, 0.2461

# Complementary

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



54.8784, 0.4187, 0.3730



60.0435, 0.2413, 0.2786

# 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.



54.8784, 0.2298, 0.2487



54.8784, 0.4187, 0.3730



54.8784, 0.2262, 0.3151

# Square

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



54.8784, 0.4187, 0.3730



54.8784, 0.3051, 0.4120



54.8784, 0.2168, 0.2720



54.8784, 0.3132, 0.2617



# Rectangle

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



54.8784, 0.4187, 0.3730



54.8784, 0.3731, 0.4228



54.8784, 0.2168, 0.2720



54.8784, 0.2502, 0.2448

# Sweetspot

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



54.8811, 0.4187, 0.3730



84.0473, 0.3369, 0.3416



43.6944, 0.3566, 0.2509



17.5040, 0.3412, 0.3437



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.



54.8811, 0.4187, 0.3730



48.4872, 0.4489, 0.3805



83.6867, 0.3895, 0.4289



19.0358, 0.3285, 0.3374



15.1830, 0.5830, 0.3753

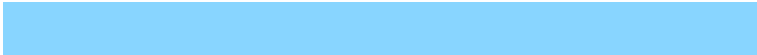


1.6748, 0.5613, 0.3925



# Inverse Universe

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



60.0435, 0.2413, 0.2786



54.1490, 0.2287, 0.2664



35.5231, 0.2276, 0.2034



19.3392, 0.2980, 0.3204



18.1251, 0.1914, 0.2088



1.9705, 0.1956, 0.2241



# Previews

## White Background



This preview shows how the Yxy color 54.8784, 0.4187, 0.3730 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 54.8784, 0.4187, 0.3730 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 54.8784, 0.4187, 0.3730**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.8784, 0.4187, 0.3730.



This preview shows how white text looks on a background with the Yxy color 54.8784, 0.4187, 0.3730.

# 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

54.8784, 0.4187, 0.3730

### Protanopia

55.1951, 0.3645, 0.3918

### Deuteranopia

54.7543, 0.3974, 0.3885



## Tritanopia

55.0349, 0.3759, 0.3176

# Trichromacy



## Original Color

54.8784, 0.4187, 0.3730

## Protanomaly

54.4870, 0.3837, 0.3845

## Deuteranomaly

54.9075, 0.4051, 0.3826

## Tritanomaly

54.7100, 0.3922, 0.3377

# Monochromacy



## Original Color

54.8784, 0.4187, 0.3730

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.2029, 0.3484, 0.3468

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.8784, 0.4187, 0.3730 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, 178, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 136) }
```

## Border

The CSS property to change the border of an element to Yxy 54.8784, 0.4187, 0.3730 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, 178, 136) }
```

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

```
.border{ border-color:rgb(255, 178, 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, 178, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
136) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.8784, 0.4187, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 136) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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