

# Converting Colors

Yxy(53.4620, 0.4097, 0.3789)

Have a look what the booklet for  
Yxy(53.4620, 0.4097, 0.3789)  
contains.

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# Color

**Yxy(53.5968, 0.4098, 0.3791)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4B486
RGB	244, 180, 134
RGB Percent	96%, 71%, 53%
CMY	0.0431, 0.2941, 0.4745
CMYK	0.00, 0.26, 0.45, 0.04
HSL	25°, 83%, 74%
HSV	25°, 45%, 96%
XYZ	57.9371, 53.5968, 29.8451
YIQ	193.8920, 52.9100, -0.7380

# Conversions

## Conversions Part 2

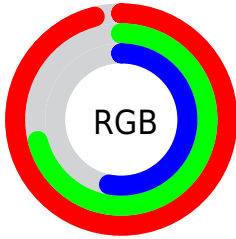
Format	Color
R <sub>Y</sub> B	244, 213, 134
Decimal	16036998
CIE Lab	78.23, 17.80, 32.54
CIE LCh	78, 37.091, 61.324
Yxy	53.5968, 0.4098, 0.3791
Android (android.graphics.Color)	4294227078 (0xFFF4B486)
YUV	193.8920, -29.5268, 43.9447
Hunter-Lab	73.2098, 13.1449, 27.0764

# Details

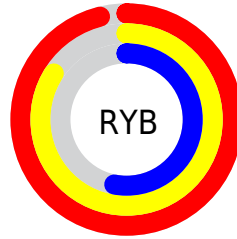
The Yxy color **53.5968, 0.4098, 0.3791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9981, 0.2420, 0.2715**, and the grayscale version is **54.0379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8817, 0.3571, 0.3774**, and **26.1331, 0.4343, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **47.5528, 0.4393, 0.3890**, and if you desaturate by 10%, it is **60.3905, 0.3830, 0.3680**.

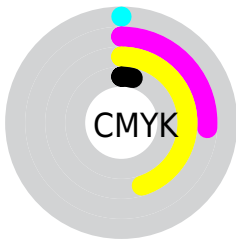
# Distribution



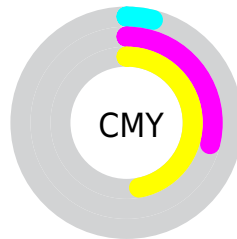
- Red (96%)
- Green (71%)
- Blue (53%)



- Red (96%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (45%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5968, 0.4098, 0.3791 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 53.5968, 0.4098, 0.3791 by changing the saturation by 10% instead.





 53.5968, 0.4098,  
0.3791


 53.5968, 0.4098,  
0.3791


400.5706, 0.3624,  
0.3567


 38.2794, 0.4211,  
0.3838


 95.4820, 0.3930,  
0.3717

 26.1996, 0.4351,  
0.3892


 122.8185, 0.3865,  
0.3687

 16.9730, 0.4530,  
0.3954


 154.9303, 0.3810,  
0.3660

 10.2153, 0.4764,  
0.4022

192.2016, 0.3763,  
0.3637

 5.5419, 0.5076,  
0.4086

235.0169, 0.3721,  
0.3617

 2.5686, 0.5722,  
0.4278

283.7606, 0.3685,

 0.9109, 0.6038,

0.3599

0.3962

338.8170, 0.3653,  
0.3582

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.5968, 0.4098,  
0.3791

53.5968, 0.4098,  
0.3791

47.5528, 0.4393,  
0.3890

60.3905, 0.3830,  
0.3680

42.2220, 0.4707,  
0.3965

67.9527, 0.3593,  
0.3564

37.5763, 0.5023,  
0.4002

76.3114, 0.3386,  
0.3451

33.5819, 0.5317,  
0.3991

85.4905, 0.3208,  
0.3342

■ 30.2004, 0.5567,  
0.3924

■ 95.4478, 0.3061,  
0.3251

■ 28.7438, 0.5674,  
0.3877

■ 97.9763, 0.3060,  
0.3290

# Harmonies

## Analogous

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



53.5968, 0.4056, 0.3406



53.5968, 0.4098, 0.3791



53.5968, 0.3863, 0.4090

# Triad

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



53.5968, 0.4098, 0.3791



53.5968, 0.2530, 0.3547



53.5968, 0.2765, 0.2531

# Complementary

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



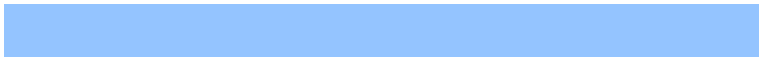
53.5968, 0.4098, 0.3791



51.9981, 0.2420, 0.2715

# 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.



53.5968, 0.2407, 0.2516



53.5968, 0.4098, 0.3791



53.5968, 0.2279, 0.3059

# Square

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



53.5968, 0.4098, 0.3791



53.5968, 0.2949, 0.3986



53.5968, 0.2237, 0.2693



53.5968, 0.3250, 0.2714



# Rectangle

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



53.5968, 0.4098, 0.3791



53.5968, 0.3593, 0.4184



53.5968, 0.2237, 0.2693



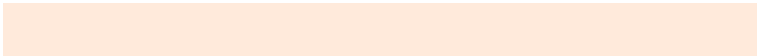
53.5968, 0.2627, 0.2506

# Sweetspot

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



53.5994, 0.4098, 0.3791



85.3648, 0.3366, 0.3439



40.3718, 0.3621, 0.2608



17.8233, 0.3408, 0.3463



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.



53.5994, 0.4098, 0.3791



53.1617, 0.4364, 0.3881



80.2883, 0.3835, 0.4320



17.6210, 0.3283, 0.3389



15.8824, 0.5646, 0.3899



1.5941, 0.5422, 0.4077

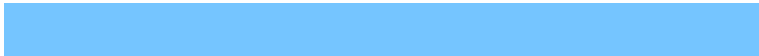


# Inverse Universe

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



51.9981, 0.2420, 0.2715



51.1497, 0.2289, 0.2574



31.2964, 0.2293, 0.1993



17.5289, 0.2980, 0.3189



14.3445, 0.1850, 0.1859



1.4636, 0.1904, 0.2055



# Previews

## White Background



This preview shows how the Yxy color 53.5968, 0.4098, 0.3791 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 53.5968, 0.4098, 0.3791 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 53.5968, 0.4098, 0.3791**

## Background



This preview shows how black text looks on a background with the Yxy color 53.5968, 0.4098, 0.3791.



This preview shows how white text looks on a background with the Yxy color 53.5968, 0.4098, 0.3791.

# 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

53.5968, 0.4098, 0.3791

### Protanopia

54.0323, 0.3675, 0.3946

### Deuteranopia

53.5472, 0.3974, 0.3879



## Tritanopia

53.5720, 0.3700, 0.3153

# Trichromacy



## Original Color

53.5968, 0.4098, 0.3791

## Protanomaly

53.7598, 0.3826, 0.3887

## Deuteranomaly

53.3933, 0.4020, 0.3849

## Tritanomaly

53.6148, 0.3848, 0.3390

# Monochromacy



## Original Color

53.5968, 0.4098, 0.3791

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.3708, 0.3457, 0.3495

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.5968, 0.4098, 0.3791 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(244, 180, 134)` looks like.

```
.text, #text, p{  
    color:rgb(244, 180, 134)  
}
```

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(244, 180, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 180, 134) }
```

## Border

The CSS property to change the border of an element to Yxy 53.5968, 0.4098, 0.3791 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(244, 180, 134) }
```

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

```
.border{ border-color:rgb(244, 180, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 180, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 180, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 180, 134);  
box-shadow:4px 4px 4px 4px rgb(244, 180,  
134) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.5968, 0.4098, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 180, 134) }
```

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

```
.background{ background-color: rgb(244,  
180, 134) }
```

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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