

# Converting Colors

Yxy(53.6679, 0.4198, 0.3913)

Have a look what the booklet for  
Yxy(53.6679, 0.4198, 0.3913)  
contains.

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# **Color**

**Yxy(53.8903, 0.4193, 0.3912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B57B
RGB	245, 181, 123
RGB Percent	96%, 71%, 48%
CMY	0.0391, 0.2902, 0.5175
CMYK	0.00, 0.26, 0.50, 0.04
HSL	29°, 86%, 72%
HSV	29°, 50%, 96%
XYZ	57.7613, 53.8903, 26.1048
YIQ	193.5240, 56.7620, -4.4700

# Conversions

## Conversions Part 2

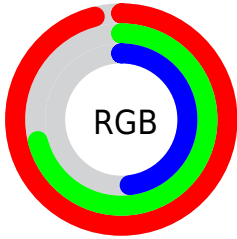
Format	Color
R <sub>Y</sub> B	245, 234, 123
Decimal	16102779
CIE Lab	78.40, 16.63, 38.51
CIE LCh	78, 41.945, 66.644
Yxy	53.8903, 0.4193, 0.3912
Android (android.graphics.Color)	4294292859 (0xFFFF5B57B)
YUV	193.5240, -34.7683, 45.1445
Hunter-Lab	73.4100, 11.9818, 30.3033

# Details

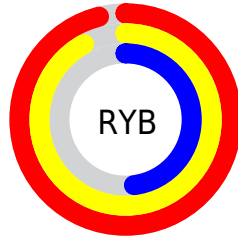
The Yxy color **53.8903, 0.4193, 0.3912** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.3680, 0.2333, 0.2549**, and the grayscale version is **53.8401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9630, 0.3647, 0.3904**, and **26.3585, 0.4462, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **48.3638, 0.4476, 0.4015**, and if you desaturate by 10%, it is **60.0582, 0.3928, 0.3791**.

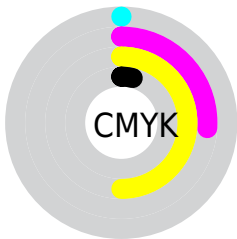
# Distribution



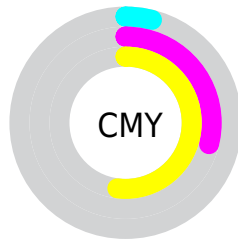
- Red (96%)
- Green (71%)
- Blue (48%)



- Red (96%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8903, 0.4193, 0.3912 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 53.8903, 0.4193, 0.3912 by changing the saturation by 10% instead.





 53.8903, 0.4193,  
0.3912

 53.8903, 0.4193,  
0.3912


401.6916, 0.3677,  
0.3636


 38.5140, 0.4313,  
0.3969


 95.9132, 0.4011,  
0.3821

 26.3818, 0.4462,  
0.4033


 123.3285, 0.3941,  
0.3784

 17.1095, 0.4647,  
0.4107


 155.5256, 0.3881,  
0.3751

 10.3126, 0.4884,  
0.4184


192.8888, 0.3829,  
0.3722

 5.6067, 0.5192,  
0.4254

235.8027, 0.3784,  
0.3697

 2.6074, 0.5666,  
0.4334

284.6515, 0.3744,

 0.9304, 0.5962,

0.3674

0.4038

339.8196, 0.3709,  
0.3654

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.8903, 0.4193,  
0.3912

53.8903, 0.4193,  
0.3912

48.3638, 0.4476,  
0.4015

60.0582, 0.3928,  
0.3791

43.4463, 0.4766,  
0.4087

66.8827, 0.3688,  
0.3662

39.1134, 0.5045,  
0.4114

74.3880, 0.3474,  
0.3532

35.3350, 0.5295,  
0.4088

82.5945, 0.3287,  
0.3406

■ 32.0704, 0.5503,  
0.4011

■ 91.5216, 0.3124,  
0.3288

■ 32.0062, 0.5507,  
0.4010

■ 98.1557, 0.3066,  
0.3290

# Harmonies

## Analogous

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



53.8903, 0.4209, 0.3489



53.8903, 0.4193, 0.3912



53.8903, 0.3876, 0.4228

# Triad

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



53.8903, 0.4193, 0.3912



53.8903, 0.2390, 0.3476



53.8903, 0.2807, 0.2469

# Complementary

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



53.8903, 0.4193, 0.3912



46.3680, 0.2333, 0.2549

# 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.



53.8903, 0.2378, 0.2414



53.8903, 0.4193, 0.3912



53.8903, 0.2154, 0.2936

# Square

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



53.8903, 0.4193, 0.3912



53.8903, 0.2829, 0.4011



53.8903, 0.2152, 0.2566



53.8903, 0.3365, 0.2699



# Rectangle

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



53.8903, 0.4193, 0.3912



53.8903, 0.3553, 0.4308



53.8903, 0.2152, 0.2566



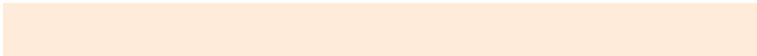
53.8903, 0.2644, 0.2429

# Sweetspot

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



53.8929, 0.4193, 0.3912



85.6312, 0.3382, 0.3472



37.2232, 0.3764, 0.2602



17.9269, 0.3422, 0.3498



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.



53.8929, 0.4193, 0.3912



52.7645, 0.4486, 0.4018



83.7284, 0.3877, 0.4466



17.7815, 0.3282, 0.3403



17.5127, 0.5480, 0.4030



1.7435, 0.5277, 0.4192

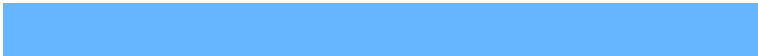


# Inverse Universe

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



46.3680, 0.2333, 0.2549



43.6217, 0.2181, 0.2360



26.0097, 0.2180, 0.1758



17.3661, 0.2980, 0.3175



12.2295, 0.1795, 0.1661



1.2807, 0.1855, 0.1879



# Previews

## White Background



This preview shows how the Yxy color 53.8903, 0.4193, 0.3912 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 53.8903, 0.4193, 0.3912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

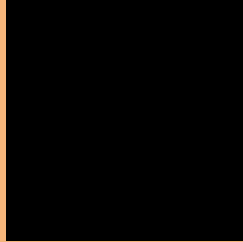
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.8903, 0.4193, 0.3912**

## Background



This preview shows how black text looks on a background with the Yxy color 53.8903, 0.4193, 0.3912.



This preview shows how white text looks on a background with the Yxy color 53.8903, 0.4193, 0.3912.

# 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

53.8903, 0.4193, 0.3912

### Protanopia

53.9910, 0.3785, 0.4083

### Deuteranopia

54.1851, 0.4084, 0.4000



## Tritanopia

53.7563, 0.3709, 0.3153

# Trichromacy



**Original Color**

53.8903, 0.4193, 0.3912

**Protanomaly**

53.5895, 0.3930, 0.4020

**Deuteranomaly**

54.0368, 0.4131, 0.3968

**Tritanomaly**

53.6515, 0.3893, 0.3433

# Monochromacy



**Original Color**

53.8903, 0.4193, 0.3912

**Achromatopsia**

53.9479, 0.3127, 0.3290

**Achromatomaly**

53.3685, 0.3499, 0.3543

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.8903, 0.4193, 0.3912 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(245, 181, 123)` looks like.

```
.text, #text, p{  
    color:rgb(245, 181, 123)  
}
```

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(245, 181, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 181, 123) }
```

## Border

The CSS property to change the border of an element to Yxy 53.8903, 0.4193, 0.3912 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(245, 181, 123) }
```

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

```
.border{ border-color:rgb(245, 181, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 181, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 181, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 181, 123);  
box-shadow:4px 4px 4px 4px rgb(245, 181,  
123) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.8903, 0.4193, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 181, 123) }
```

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

```
.background{ background-color: rgb(245,  
181, 123) }
```

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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