

# Converting Colors

Yxy(59.1331, 0.3846, 0.3749)

Have a look what the booklet for  
Yxy(59.1331, 0.3846, 0.3749)  
contains.

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# **Color**

**Yxy(59.3758, 0.3849, 0.3753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C298
RGB	240, 194, 152
RGB Percent	94%, 76%, 60%
CMY	0.0588, 0.2392, 0.4041
CMYK	0.00, 0.19, 0.37, 0.06
HSL	29°, 75%, 77%
HSV	29°, 37%, 94%
XYZ	60.8946, 59.3758, 37.9385
YIQ	202.9660, 40.8980, -3.3100

# Conversions

## Conversions Part 2

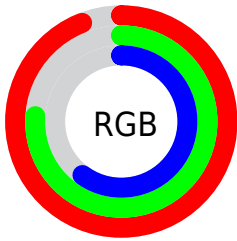
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 232, 152
Decimal	15778456
CIE Lab	81.50, 10.79, 27.36
CIE LCh	81, 29.415, 68.479
Yxy	59.3758, 0.3849, 0.3753
Android (android.graphics.Color)	4293968536 (0xFFFF0C298)
YUV	202.9660, -25.1262, 32.4788
Hunter-Lab	77.0557, 6.2153, 24.7475

# Details

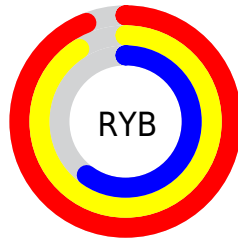
The Yxy color **59.3758, 0.3849, 0.3753** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.3360, 0.2540, 0.2773**, and the grayscale version is **59.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1362, 0.3420, 0.3714**, and **29.6408, 0.4025, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **53.3215, 0.4106, 0.3878**, and if you desaturate by 10%, it is **66.0659, 0.3618, 0.3623**.

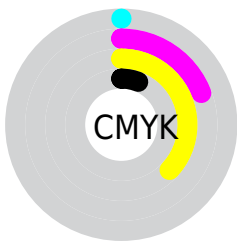
# Distribution



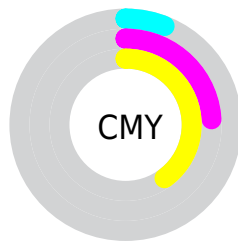
- Red (94%)
- Green (76%)
- Blue (60%)



- Red (94%)
- Yellow (91%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3758, 0.3849, 0.3753 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 59.3758, 0.3849, 0.3753 by changing the saturation by 10% instead.




 59.3758, 0.3849,  
0.3753


 59.3758, 0.3849,  
0.3753


422.2932, 0.3502,  
0.3541

 42.9157, 0.3931,  
0.3800


 103.9237, 0.3727,  
0.3680

 29.8190, 0.4032,  
0.3856


 132.7802, 0.3680,  
0.3652

 19.7012, 0.4162,  
0.3926


166.5377, 0.3639,  
0.3627

 12.1781, 0.4332,  
0.4011

205.5805, 0.3604,  
0.3606

 6.8651, 0.4563,  
0.4115

250.2931, 0.3574,  
0.3586

 3.3779, 0.4900,  
0.4247

301.0598, 0.3547,

 1.3320, 0.5525,

0.3570

0.4475

358.2650, 0.3523,  
0.3554

0.1658, 0.7174,  
0.2826

0.0000, 0.0000,  
0.0000

59.3758, 0.3849,  
0.3753

59.3758, 0.3849,  
0.3753

53.3215, 0.4106,  
0.3878

66.0659, 0.3618,  
0.3623

47.8734, 0.4383,  
0.3988

73.4033, 0.3413,  
0.3493

43.0116, 0.4671,  
0.4072

81.4100, 0.3234,  
0.3369

38.7113, 0.4954,  
0.4115

90.1040, 0.3078,  
0.3252

■ 34.9452, 0.5214,  
0.4108

■ 97.2673, 0.3035,  
0.3290

■ 31.6817, 0.5432,  
0.4044

■ 30.6993, 0.5498,  
0.4016

# Harmonies

## Analogous

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



59.3758, 0.3865, 0.3465



59.3758, 0.3849, 0.3753



59.3758, 0.3632, 0.3942

# Triad

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



59.3758, 0.3849, 0.3753



59.3758, 0.2605, 0.3399



59.3758, 0.2935, 0.2717

# Complementary

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



59.3758, 0.3849, 0.3753



53.3360, 0.2540, 0.2773

# 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.



59.3758, 0.2622, 0.2675



59.3758, 0.3849, 0.3753



59.3758, 0.2442, 0.3042

# Square

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



59.3758, 0.3849, 0.3753



59.3758, 0.2910, 0.3747



59.3758, 0.2448, 0.2785



59.3758, 0.3319, 0.2890



# Rectangle

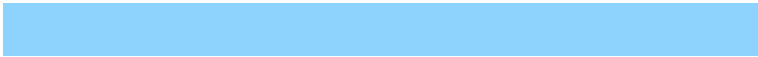
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.3758, 0.3849, 0.3753



59.3758, 0.3409, 0.3971



59.3758, 0.2448, 0.2785



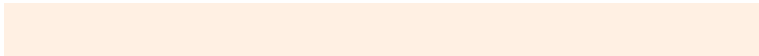
59.3758, 0.2818, 0.2687

# Sweetspot

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



59.3786, 0.3849, 0.3753



89.3262, 0.3309, 0.3422



45.0902, 0.3542, 0.2780



18.8521, 0.3333, 0.3439



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

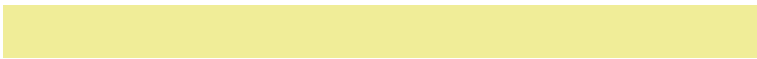
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3786, 0.3849, 0.3753



62.8869, 0.4038, 0.3847



81.4058, 0.3689, 0.4176



17.0041, 0.3281, 0.3403



17.0664, 0.5472, 0.4037



1.6178, 0.5260, 0.4205



# Inverse Universe

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



53.3360, 0.2540, 0.2773



55.0130, 0.2421, 0.2646



36.3708, 0.2461, 0.2217



16.5954, 0.2980, 0.3174



11.7969, 0.1793, 0.1654

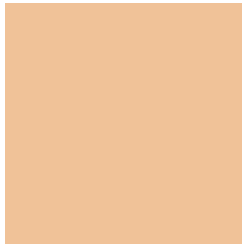


1.1806, 0.1857, 0.1885



# Previews

## White Background



This preview shows how the Yxy color 59.3758, 0.3849, 0.3753 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 59.3758, 0.3849, 0.3753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

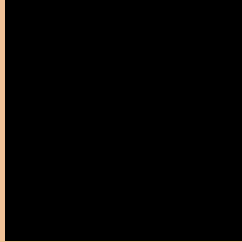
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 59.3758, 0.3849, 0.3753**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.3758, 0.3849, 0.3753.



This preview shows how white text looks on a background with the Yxy color 59.3758, 0.3849, 0.3753.

# 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

59.3758, 0.3849, 0.3753

### Protanopia

59.3931, 0.3593, 0.3829

### Deuteranopia

59.2013, 0.3840, 0.3754



## Tritanopia

59.2174, 0.3494, 0.3131

# Trichromacy



**Original Color**

59.3758, 0.3849, 0.3753

**Protanomaly**

59.2210, 0.3678, 0.3796

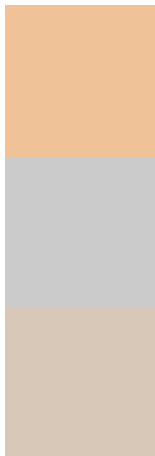
**Deuteranomaly**

59.2013, 0.3840, 0.3754

**Tritanomaly**

59.3423, 0.3622, 0.3357

# Monochromacy



**Original Color**

59.3758, 0.3849, 0.3753

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

59.3682, 0.3375, 0.3477

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.3758, 0.3849, 0.3753 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(240, 194, 152)` looks like.

```
.text, #text, p{  
    color:rgb(240, 194, 152)  
}
```

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(240, 194, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 194, 152) }
```

## Border

The CSS property to change the border of an element to Yxy 59.3758, 0.3849, 0.3753 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(240, 194, 152) }
```

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

```
.border{ border-color:rgb(240, 194, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 194, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 194, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 194, 152);  
box-shadow:4px 4px 4px 4px rgb(240, 194,  
152) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.3758, 0.3849, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 194, 152) }
```

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

```
.background{ background-color: rgb(240,  
194, 152) }
```

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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