

# Converting Colors

$Yxy(60.5523, 0.3805, 0.3739)$

Have a look what the booklet for  
Yxy(60.5523, 0.3805, 0.3739)  
contains.

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# Color

**Yxy(60.8581, 0.3805, 0.3741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C59C
RGB	240, 197, 156
RGB Percent	94%, 77%, 61%
CMY	0.0588, 0.2274, 0.3884
CMYK	0.00, 0.18, 0.35, 0.06
HSL	29°, 74%, 78%
HSV	29°, 35%, 94%
XYZ	61.8992, 60.8581, 39.9214
YIQ	205.1830, 38.7890, -3.6350

# Conversions

## Conversions Part 2

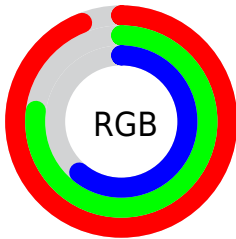
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 236, 156
Decimal	15779228
CIE <sub>Lab</sub>	82.30, 9.68, 26.34
CIE <sub>LCh</sub>	82, 28.063, 69.823
Yxy	60.8581, 0.3805, 0.3741
Android (android.graphics.Color)	4293969308 (0xFFFF0C59C)
YUV	205.1830, -24.2472, 30.5345
Hunter-Lab	78.0116, 5.1127, 24.2673

# Details

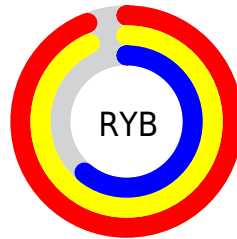
The Yxy color **60.8581, 0.3805, 0.3741** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1818, 0.2565, 0.2789**, and the grayscale version is **61.3117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8468, 0.3389, 0.3711**, and **30.7117, 0.3986, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **54.7758, 0.4055, 0.3870**, and if you desaturate by 10%, it is **67.5609, 0.3580, 0.3608**.

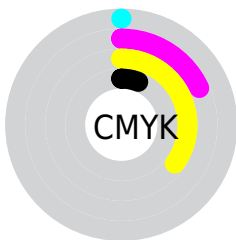
# Distribution



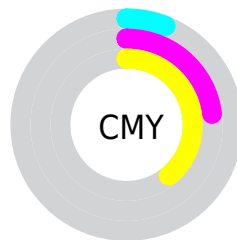
- Red (94%)
- Green (77%)
- Blue (61%)



- Red (94%)
- Yellow (93%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8581, 0.3805, 0.3741 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 60.8581, 0.3805, 0.3741 by changing the saturation by 10% instead.




 60.8581, 0.3805,  
0.3741


 60.8581, 0.3805,  
0.3741


427.7535, 0.3481,  
0.3534

 44.1107, 0.3881,  
0.3787


 106.0734, 0.3691,  
0.3670

 30.7575, 0.3976,  
0.3843


 135.3101, 0.3647,  
0.3642

 20.4143, 0.4096,  
0.3911


169.4787, 0.3609,  
0.3618

 12.6965, 0.4255,  
0.3997

208.9636, 0.3577,  
0.3597

 7.2199, 0.4469,  
0.4103

254.1491, 0.3548,  
0.3578

 3.6000, 0.4772,  
0.4232

305.4196, 0.3523,

 1.4524, 0.5444,

0.3562

0.4556

363.1597, 0.3501,  
0.3547

0.2549, 0.6525,  
0.3475

0.0000, 0.0000,  
0.0000

60.8581, 0.3805,  
0.3741

60.8581, 0.3805,  
0.3741

54.7758, 0.4055,  
0.3870

67.5609, 0.3580,  
0.3608

49.2852, 0.4325,  
0.3986

74.8947, 0.3381,  
0.3476

44.3674, 0.4608,  
0.4078

82.8805, 0.3206,  
0.3350

39.9989, 0.4888,  
0.4131

91.5358, 0.3054,  
0.3232

■ 36.1539, 0.5147,  
0.4135

■ 97.2649, 0.3035,  
0.3290

■ 32.8027, 0.5368,  
0.4083

■ 31.2990, 0.5466,  
0.4042

# Harmonies

## Analogous

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



60.8581, 0.3829, 0.3471



60.8581, 0.3805, 0.3741



60.8581, 0.3593, 0.3911

# Triad

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



60.8581, 0.3805, 0.3741



60.8581, 0.2623, 0.3378



60.8581, 0.2961, 0.2750

# Complementary

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



60.8581, 0.3805, 0.3741



54.1818, 0.2565, 0.2789

# 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.



60.8581, 0.2659, 0.2705



60.8581, 0.3805, 0.3741



60.8581, 0.2473, 0.3043

# Square

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



60.8581, 0.3805, 0.3741



60.8581, 0.2907, 0.3708



60.8581, 0.2487, 0.2804



60.8581, 0.3325, 0.2920



# Rectangle

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



60.8581, 0.3805, 0.3741



60.8581, 0.3380, 0.3932



60.8581, 0.2487, 0.2804



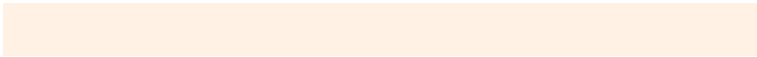
60.8581, 0.2849, 0.2720

# Sweetspot

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



60.8609, 0.3805, 0.3741



89.5071, 0.3308, 0.3425



46.4320, 0.3531, 0.2818



18.8951, 0.3333, 0.3443



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.



60.8609, 0.3805, 0.3741



64.8010, 0.3981, 0.3834



82.4215, 0.3659, 0.4150



17.0335, 0.3281, 0.3406



17.3986, 0.5440, 0.4062



1.6460, 0.5233, 0.4227



# Inverse Universe

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



54.1818, 0.2565, 0.2789



56.0720, 0.2450, 0.2666



37.5942, 0.2493, 0.2256



16.5659, 0.2980, 0.3172



11.4360, 0.1783, 0.1617

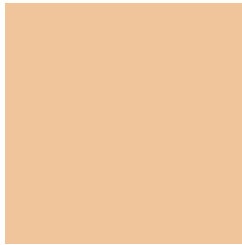


1.1506, 0.1848, 0.1851



# Previews

## White Background



This preview shows how the Yxy color 60.8581, 0.3805, 0.3741 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 60.8581, 0.3805, 0.3741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

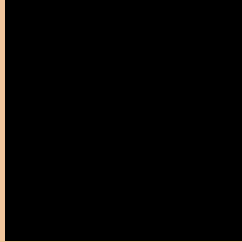
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.8581, 0.3805, 0.3741**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.8581, 0.3805, 0.3741.



This preview shows how white text looks on a background with the Yxy color 60.8581, 0.3805, 0.3741.

# 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

60.8581, 0.3805, 0.3741

### Protanopia

61.2259, 0.3579, 0.3824

### Deuteranopia

61.0336, 0.3813, 0.3739



## Tritanopia

60.6472, 0.3464, 0.3132

# Trichromacy



**Original Color**

60.8581, 0.3805, 0.3741

**Protanomaly**

61.0406, 0.3662, 0.3791

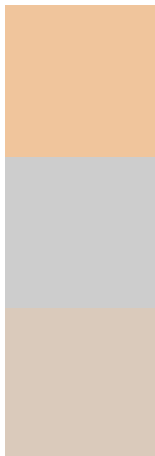
**Deuteranomaly**

61.0336, 0.3813, 0.3739

**Tritanomaly**

60.7825, 0.3589, 0.3356

# Monochromacy



**Original Color**

60.8581, 0.3805, 0.3741

**Achromatopsia**

61.0496, 0.3127, 0.3290

**Achromatomaly**

60.7343, 0.3365, 0.3463

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8581, 0.3805, 0.3741 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, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(240, 197, 156)  
}
```

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, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 197, 156) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8581, 0.3805, 0.3741 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, 197, 156) }
```

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

```
.border{ border-color:rgb(240, 197, 156) }
```

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

Here you see how a box with a 4 pixel rgb(240, 197, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 197, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 197, 156);  
box-shadow:4px 4px 4px 4px rgb(240, 197,  
156) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8581, 0.3805, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 197, 156) }
```

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

```
.background{ background-color: rgb(240,  
197, 156) }
```

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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