

# Converting Colors

$Yxy(60.6937, 0.3704, 0.3592)$

Have a look what the booklet for  
Yxy(60.6937, 0.3704, 0.3592)  
contains.

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# Color

**Yxy(60.8323, 0.3711, 0.3598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C4A8
RGB	240, 196, 168
RGB Percent	94%, 77%, 66%
CMY	0.0589, 0.2313, 0.3410
CMYK	0.00, 0.18, 0.30, 0.06
HSL	23°, 71%, 80%
HSV	23°, 30%, 94%
XYZ	62.7428, 60.8323, 45.4974
YIQ	205.9640, 35.2120, 0.6200

# Conversions

## Conversions Part 2

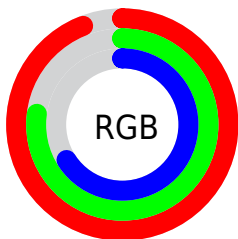
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 214, 168
Decimal	15778984
CIE Lab	82.29, 11.70, 19.94
CIE LCh	82, 23.119, 59.600
Yxy	60.8323, 0.3711, 0.3598
Android (android.graphics.Color)	4293969064 (0xFFFF0C4A8)
YUV	205.9640, -18.7163, 29.8496
Hunter-Lab	77.9951, 7.1023, 20.0105

# Details

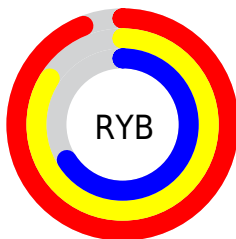
The Yxy color **60.8323, 0.3711, 0.3598** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.7152, 0.2658, 0.2959**, and the grayscale version is **61.8050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8383, 0.3318, 0.3583**, and **30.6742, 0.3862, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **53.7235, 0.3969, 0.3705**, and if you desaturate by 10%, it is **68.7589, 0.3486, 0.3491**.

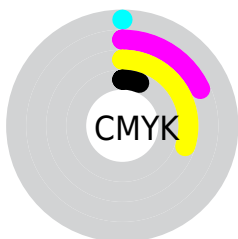
# Distribution



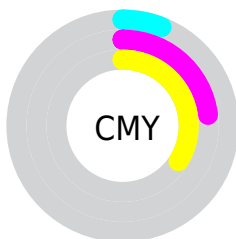
- Red (94%)
- Green (77%)
- Blue (66%)



- Red (94%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8323, 0.3711, 0.3598 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 60.8323, 0.3711, 0.3598 by changing the saturation by 10% instead.





 60.8323, 0.3711,  
0.3598


 60.8323, 0.3711,  
0.3598


427.6588, 0.3430,  
0.3457

 44.0898, 0.3778,  
0.3629

 106.0361, 0.3612,  
0.3550

 30.7411, 0.3861,  
0.3667


 135.2662, 0.3574,  
0.3531

 20.4018, 0.3968,  
0.3714


169.4277, 0.3541,  
0.3514

 12.6875, 0.4111,  
0.3773

208.9048, 0.3513,  
0.3500

 7.2137, 0.4309,  
0.3848

254.0822, 0.3488,  
0.3488

 3.5961, 0.4600,  
0.3941

305.3440, 0.3467,

 1.4503, 0.5413,

0.3476

0.4327

363.0748, 0.3447,  
0.3466

0.2534, 0.6751,  
0.3249

0.0000, 0.0000,  
0.0000

60.8323, 0.3711,  
0.3598

60.8323, 0.3711,  
0.3598

53.7235, 0.3969,  
0.3705

68.7589, 0.3486,  
0.3491

47.3965, 0.4260,  
0.3804

77.5209, 0.3293,  
0.3387

41.8248, 0.4577,  
0.3885

87.1461, 0.3127,  
0.3290

36.9770, 0.4908,  
0.3937

97.0628, 0.3035,  
0.3287

■ 32.8189, 0.5231,  
0.3946

■ 97.2634, 0.3035,  
0.3290

■ 29.3127, 0.5520,  
0.3903

■ 26.4087, 0.5756,  
0.3812

■ 26.4040, 0.5756,  
0.3812

# Harmonies

## Analogous

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



60.8323, 0.3671, 0.3361



60.8323, 0.3711, 0.3598



60.8323, 0.3587, 0.3770

# Triad

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



60.8323, 0.3711, 0.3598



60.8323, 0.2780, 0.3461



60.8323, 0.2897, 0.2814

# Complementary

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



60.8323, 0.3711, 0.3598



61.7152, 0.2658, 0.2959

# 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.



60.8323, 0.2676, 0.2819



60.8323, 0.3711, 0.3598



60.8323, 0.2612, 0.3179

# Square

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



60.8323, 0.3711, 0.3598



60.8323, 0.3045, 0.3702



60.8323, 0.2575, 0.2946



60.8323, 0.3189, 0.2923



# Rectangle

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



60.8323, 0.3711, 0.3598



60.8323, 0.3432, 0.3817



60.8323, 0.2575, 0.2946



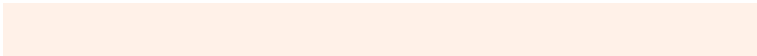
60.8323, 0.2812, 0.2802

# Sweetspot

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



60.8351, 0.3711, 0.3598



89.9829, 0.3276, 0.3378



51.3160, 0.3392, 0.2813



18.9298, 0.3302, 0.3393



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.



60.8351, 0.3711, 0.3598



64.7063, 0.3865, 0.3664



78.8372, 0.3604, 0.3960



16.7665, 0.3283, 0.3382



14.6952, 0.5727, 0.3835



1.4102, 0.5484, 0.4028



# Inverse Universe

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



61.7152, 0.2658, 0.2959



65.8542, 0.2563, 0.2880



45.8391, 0.2608, 0.2517



16.8372, 0.2980, 0.3196



15.0823, 0.1879, 0.1964



1.4473, 0.1933, 0.2157



# Previews

## White Background



This preview shows how the Yxy color 60.8323, 0.3711, 0.3598 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

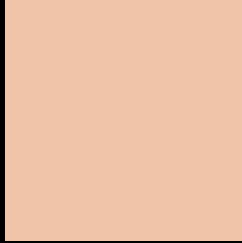
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.8323, 0.3711, 0.3598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

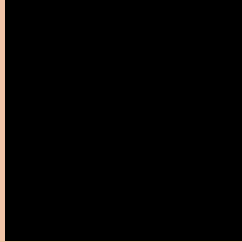
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.8323, 0.3711, 0.3598**

## Background



This preview shows how black text looks on a background with the Yxy color 60.8323, 0.3711, 0.3598.



This preview shows how white text looks on a background with the Yxy color 60.8323, 0.3711, 0.3598.

# 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

60.8323, 0.3711, 0.3598

### Protanopia

60.7632, 0.3458, 0.3664

### Deuteranopia

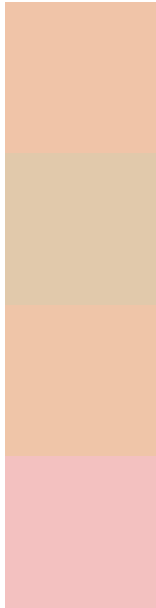
60.9368, 0.3691, 0.3611



## Tritanopia

60.9025, 0.3454, 0.3142

# Trichromacy



**Original Color**

60.8323, 0.3711, 0.3598

**Protanomaly**

60.7211, 0.3547, 0.3633

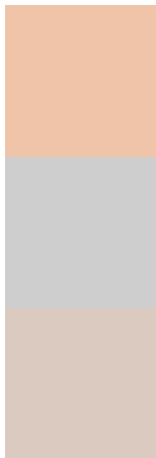
**Deuteranomaly**

61.1104, 0.3700, 0.3610

**Tritanomaly**

61.0004, 0.3548, 0.3302

# Monochromacy



**Original Color**

60.8323, 0.3711, 0.3598

**Achromatopsia**

61.7207, 0.3127, 0.3290

**Achromatomaly**

60.9523, 0.3327, 0.3405

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8323, 0.3711, 0.3598 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, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 196, 168)  
}
```

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, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 196, 168) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8323, 0.3711, 0.3598 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, 196, 168) }
```

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

```
.border{ border-color:rgb(240, 196, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 196, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 196,  
168) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8323, 0.3711, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 196, 168) }
```

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

```
.background{ background-color: rgb(240,  
196, 168) }
```

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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