

# Converting Colors

$Yxy(60.8948, 0.3688, 0.3673)$

Have a look what the booklet for  
Yxy(60.8948, 0.3688, 0.3673)  
contains.

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# Color

**Yxy(61.1894, 0.3692, 0.3680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC7A4
RGB	235, 199, 164
RGB Percent	92%, 78%, 64%
CMY	0.0784, 0.2196, 0.3569
CMYK	0.00, 0.15, 0.30, 0.08
HSL	30°, 64%, 78%
HSV	30°, 30%, 92%
XYZ	61.3889, 61.1894, 43.6972
YIQ	205.7740, 32.6910, -3.2530

# Conversions

## Conversions Part 2

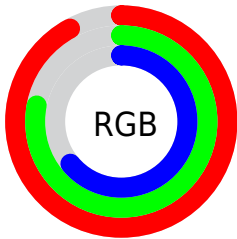
Format	Color
R <sub>Y</sub> B	235, 233, 164
Decimal	15452068
CIE Lab	82.48, 7.72, 22.27
CIE LCh	82, 23.570, 70.886
Yxy	61.1894, 0.3692, 0.3680
Android (android.graphics.Color)	4293642148 (0xFFEBC7A4)
YUV	205.7740, -20.5946, 25.6312
Hunter-Lab	78.2237, 3.1931, 21.6360

# Details

The Yxy color **61.1894, 0.3692, 0.3680** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.2080, 0.2644, 0.2864**, and the grayscale version is **61.6904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **30.8856, 0.3834, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **55.1483, 0.3929, 0.3813**, and if you desaturate by 10%, it is **67.8227, 0.3480, 0.3546**.

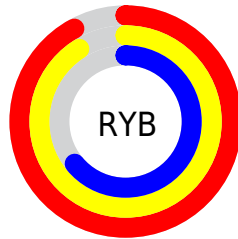
# Distribution



Red (92%)

Green (78%)

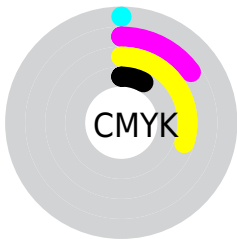
Blue (64%)



Red (92%)

Yellow (91%)

Blue (64%)

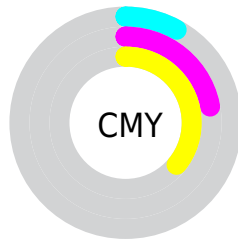


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (8%)



Cyan (8%)

Magenta (22%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1894, 0.3692, 0.3680 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 61.1894, 0.3692, 0.3680 by changing the saturation by 10% instead.




 61.1894, 0.3692,  
0.3680

 61.1894, 0.3692,  
0.3680

428.9681, 0.3422,  
0.3499

 44.3780, 0.3756,  
0.3721


 106.5531, 0.3597,  
0.3617

 30.9678, 0.3835,  
0.3771


 135.8743, 0.3560,  
0.3593

 20.5743, 0.3937,  
0.3833


170.1341, 0.3529,  
0.3572

 12.8132, 0.4072,  
0.3913

209.7171, 0.3501,  
0.3554

 7.3001, 0.4257,  
0.4017

255.0076, 0.3478,  
0.3538

 3.6505, 0.4523,  
0.4152

306.3900, 0.3457,

 1.4800, 0.5330,

0.3523

0.4670

364.2487, 0.3438,  
0.3511

0.2746, 0.6207,  
0.3793

0.0000, 0.0000,  
0.0000

61.1894, 0.3692,  
0.3680

61.1894, 0.3692,  
0.3680

55.1483, 0.3929,  
0.3813

67.8227, 0.3480,  
0.3546

49.6724, 0.4189,  
0.3938

75.0571, 0.3294,  
0.3416

44.7449, 0.4465,  
0.4044

82.9121, 0.3130,  
0.3293

40.3448, 0.4746,  
0.4118

91.2083, 0.3006,  
0.3207

■ 36.4490, 0.5015,  
0.4149

■ 96.4048, 0.3005,  
0.3290

■ 33.0314, 0.5254,  
0.4125

■ 30.1155, 0.5451,  
0.4054

# Harmonies

## Analogous

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



61.1894, 0.3716, 0.3456



61.1894, 0.3692, 0.3680



61.1894, 0.3512, 0.3813

# Triad

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



61.1894, 0.3692, 0.3680



61.1894, 0.2696, 0.3356



61.1894, 0.3000, 0.2835

# Complementary

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



61.1894, 0.3692, 0.3680



55.2080, 0.2644, 0.2864

# 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.



61.1894, 0.2741, 0.2795



61.1894, 0.3692, 0.3680



61.1894, 0.2572, 0.3078

# Square

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



61.1894, 0.3692, 0.3680



61.1894, 0.2934, 0.3629



61.1894, 0.2588, 0.2877



61.1894, 0.3305, 0.2983



# Rectangle

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



61.1894, 0.3692, 0.3680



61.1894, 0.3332, 0.3823



61.1894, 0.2588, 0.2877



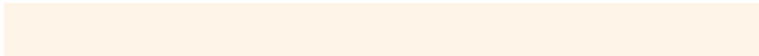
61.1894, 0.2905, 0.2809

# Sweetspot

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



61.1922, 0.3692, 0.3680



91.4064, 0.3273, 0.3401



48.4189, 0.3459, 0.2885



19.2798, 0.3299, 0.3419



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.



61.1922, 0.3692, 0.3680



69.2397, 0.3830, 0.3760



79.0950, 0.3587, 0.4033



16.2801, 0.3280, 0.3406



17.0128, 0.5426, 0.4074



1.5281, 0.5210, 0.4245



# Inverse Universe

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



55.2080, 0.2644, 0.2864



61.0008, 0.2547, 0.2765



40.8689, 0.2594, 0.2420



15.8118, 0.2981, 0.3171



10.9615, 0.1779, 0.1604

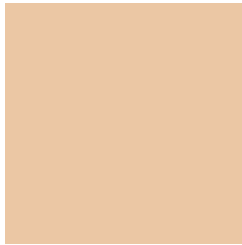


1.0533, 0.1848, 0.1852



# Previews

## White Background



This preview shows how the Yxy color 61.1894, 0.3692, 0.3680 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 61.1894, 0.3692, 0.3680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

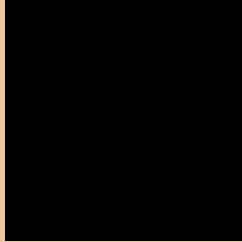
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.1894, 0.3692, 0.3680**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1894, 0.3692, 0.3680.

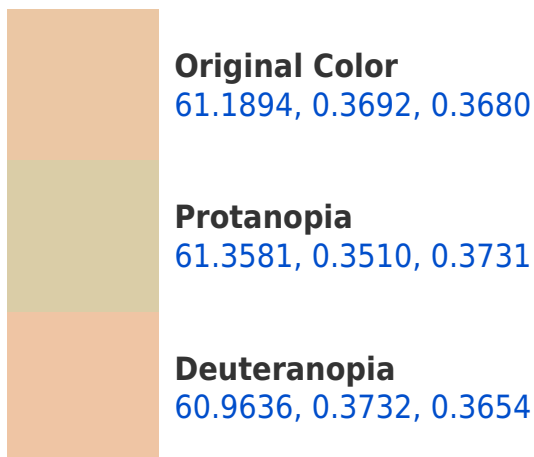


This preview shows how white text looks on a background with the Yxy color 61.1894, 0.3692, 0.3680.

# 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





## Tritanopia

61.2193, 0.3394, 0.3130

# Trichromacy



## Original Color

61.1894, 0.3692, 0.3680

## Protanomaly

61.3123, 0.3572, 0.3714

## Deuteranomaly

61.2456, 0.3720, 0.3666

## Tritanomaly

61.0131, 0.3502, 0.3324

# Monochromacy



## Original Color

61.1894, 0.3692, 0.3680

## Achromatopsia

61.7207, 0.3127, 0.3290

## Achromatomaly

61.2252, 0.3325, 0.3428

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1894, 0.3692, 0.3680 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(235, 199, 164)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 164)  
}
```

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(235, 199, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1894, 0.3692, 0.3680 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(235, 199, 164) }
```

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

```
.border{ border-color:rgb(235, 199, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
164) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1894, 0.3692, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 164) }
```

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

```
.background{ background-color: rgb(235,  
199, 164) }
```

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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