

# Converting Colors

Yxy(60.9402, 0.3849, 0.3942)

Have a look what the booklet for  
Yxy(60.9402, 0.3849, 0.3942)  
contains.

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# **Color**

**Yxy(60.7540, 0.3851, 0.3935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAC88E
RGB	234, 200, 142
RGB Percent	92%, 78%, 56%
CMY	0.0825, 0.2156, 0.4431
CMYK	0.00, 0.15, 0.39, 0.08
HSL	38°, 69%, 74%
HSV	38°, 39%, 92%
XYZ	59.4571, 60.7540, 34.1828
YIQ	203.5540, 38.8820, -10.8300

# Conversions

## Conversions Part 2

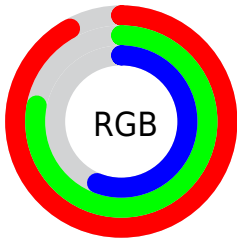
Format	Color
R <sub>YB</sub>	196, 234, 142
Decimal	15386766
CIE <sub>Lab</sub>	82.25, 4.14, 33.46
CIE <sub>LCh</sub>	82, 33.717, 82.939
Yxy	60.7540, 0.3851, 0.3935
Android (android.graphics.Color)	4293576846 (0xFFEAC88E)
YUV	203.5540, -30.3461, 26.7011
Hunter-Lab	77.9449, -0.2420, 28.5597

# Details

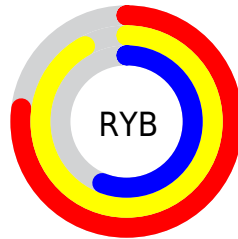
The Yxy color **60.7540, 0.3851, 0.3935** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.7116, 0.2470, 0.2541**, and the grayscale version is **60.2629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **30.6602, 0.4030, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **56.2391, 0.4071, 0.4093**, and if you desaturate by 10%, it is **65.6479, 0.3643, 0.3768**.

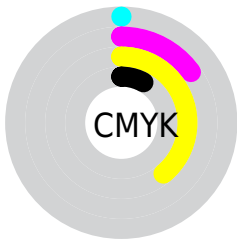
# Distribution



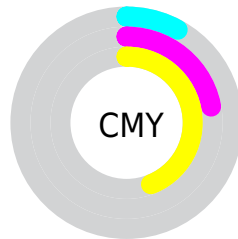
- Red (92%)
- Green (78%)
- Blue (56%)



- Red (77%)
- Yellow (92%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7540, 0.3851, 0.3935 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 60.7540, 0.3851, 0.3935 by changing the saturation by 10% instead.




 60.7540, 0.3851,  
0.3935


 60.7540, 0.3851,  
0.3935


427.3714, 0.3509,  
0.3635

 44.0267, 0.3930,  
0.4002


 105.9227, 0.3732,  
0.3832

 30.6915, 0.4026,  
0.4083


 135.1328, 0.3685,  
0.3791

 20.3640, 0.4147,  
0.4184


169.2726, 0.3645,  
0.3756

 12.6599, 0.4301,  
0.4308

208.7266, 0.3611,  
0.3726

 7.1948, 0.4500,  
0.4462

253.8791, 0.3581,  
0.3699

 3.5842, 0.4831,  
0.4718

305.1144, 0.3554,

 1.4438, 0.5124,

0.3676

0.4876

362.8171, 0.3530,  
0.3654

0.2487, 0.5758,  
0.4242

0.0000, 0.0000,  
0.0000

60.7540, 0.3851,  
0.3935

60.7540, 0.3851,  
0.3935

56.2391, 0.4071,  
0.4093

65.6479, 0.3643,  
0.3768

52.0817, 0.4295,  
0.4231


70.9243, 0.3450,  
0.3600

48.2704, 0.4515,  
0.4338

76.5974, 0.3274,  
0.3436


44.7896, 0.4718,  
0.4402

82.6781, 0.3117,  
0.3279

 41.6213, 0.4893,  
0.4415

 88.9178, 0.2999,  
0.3172

 38.7391, 0.5036,  
0.4379

 94.2123, 0.2999,  
0.3258

 38.5474, 0.5046,  
0.4376

 96.2247, 0.2999,  
0.3290

# Harmonies

## Analogous

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



60.7540, 0.3990, 0.3647



60.7540, 0.3851, 0.3935



60.7540, 0.3518, 0.4069

# Triad

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



60.7540, 0.3851, 0.3935



60.7540, 0.2425, 0.3206



60.7540, 0.3113, 0.2723

# Complementary

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



60.7540, 0.3851, 0.3935



42.7116, 0.2470, 0.2541

# 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.



60.7540, 0.2709, 0.2600



60.7540, 0.3851, 0.3935



60.7540, 0.2333, 0.2845

# Square

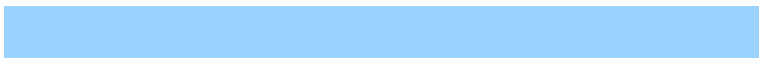
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7540, 0.3851, 0.3935



60.7540, 0.2697, 0.3632



60.7540, 0.2433, 0.2637



60.7540, 0.3549, 0.2972



# Rectangle

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



60.7540, 0.3851, 0.3935



60.7540, 0.3238, 0.4028



60.7540, 0.2433, 0.2637



60.7540, 0.2969, 0.2666

# Sweetspot

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



60.7568, 0.3851, 0.3935



91.1898, 0.3321, 0.3480



40.0145, 0.3728, 0.2893



19.3224, 0.3343, 0.3502



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.



60.7568, 0.3851, 0.3935



69.4908, 0.4024, 0.4061



76.4964, 0.3635, 0.4292



16.6383, 0.3277, 0.3438



21.9195, 0.5029, 0.4389



1.9040, 0.4882, 0.4505



# Inverse Universe

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



42.7116, 0.2470, 0.2541



44.7737, 0.2330, 0.2357



32.0292, 0.2480, 0.2112



15.4592, 0.2980, 0.3137



7.3296, 0.1660, 0.1177



0.7540, 0.1737, 0.1453



# Previews

## White Background



This preview shows how the Yxy color 60.7540, 0.3851, 0.3935 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

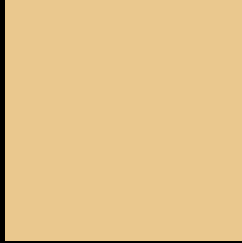
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.7540, 0.3851, 0.3935 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 60.7540, 0.3851, 0.3935**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.7540, 0.3851, 0.3935.



This preview shows how white text looks on a background with the Yxy color 60.7540, 0.3851, 0.3935.

# 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

60.7540, 0.3851, 0.3935

### Protanopia

61.0484, 0.3707, 0.3992

### Deuteranopia

60.6961, 0.3946, 0.3863



## Tritanopia

60.9050, 0.3412, 0.3130

# Trichromacy



## Original Color

60.7540, 0.3851, 0.3935

## Protanomaly

60.8638, 0.3764, 0.3972

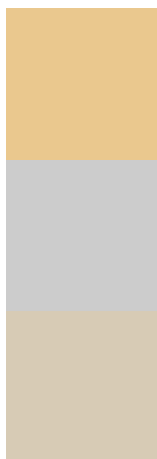
## Deuteranomaly

60.4409, 0.3908, 0.3881

## Tritanomaly

60.6263, 0.3575, 0.3423

# Monochromacy



## Original Color

60.7540, 0.3851, 0.3935

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.4951, 0.3384, 0.3547

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.7540, 0.3851, 0.3935 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(234, 200, 142)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 142)  
}
```

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(234, 200, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 142) }
```

## Border

The CSS property to change the border of an element to Yxy 60.7540, 0.3851, 0.3935 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(234, 200, 142) }
```

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

```
.border{ border-color:rgb(234, 200, 142) }
```

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

Here you see how a box with a 4 pixel rgb(234, 200, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 142);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
142) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.7540, 0.3851, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 142) }
```

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

```
.background{ background-color: rgb(234,  
200, 142) }
```

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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