

# Converting Colors

Yxy(57.9043, 0.3658, 0.3641)

Have a look what the booklet for  
Yxy(57.9043, 0.3658, 0.3641)  
contains.

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# Color

**Yxy(57.8859, 0.3665, 0.3644)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C2A3
RGB	229, 194, 163
RGB Percent	90%, 76%, 64%
CMY	0.1019, 0.2392, 0.3608
CMYK	0.00, 0.15, 0.29, 0.10
HSL	28°, 56%, 77%
HSV	28°, 29%, 90%
XYZ	58.2195, 57.8859, 42.7472
YIQ	200.9310, 30.8110, -2.2210

# Conversions

## Conversions Part 2

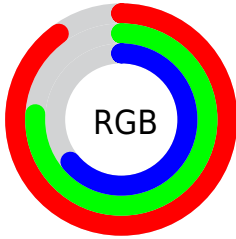
Format	Color
R <sub>Y</sub> B	229, 221, 163
Decimal	15057571
CIE Lab	80.68, 7.93, 20.23
CIE LCh	81, 21.733, 68.603
Yxy	57.8859, 0.3665, 0.3644
Android (android.graphics.Color)	4293247651 (0xFFE5C2A3)
YUV	200.9310, -18.7000, 24.6165
Hunter-Lab	76.0828, 3.4455, 19.9458

# Details

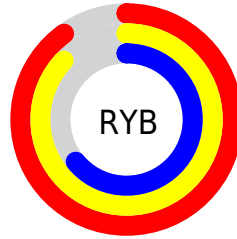
The Yxy color **57.8859, 0.3665, 0.3644** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.8347, 0.2670, 0.2907**, and the grayscale version is **58.4693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6932, 0.3352, 0.3604**, and **28.7881, 0.3813, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **51.9532, 0.3903, 0.3772**, and if you desaturate by 10%, it is **64.4145, 0.3454, 0.3516**.

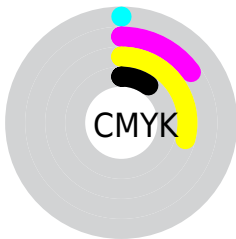
# Distribution



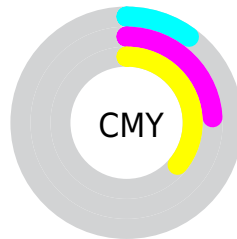
- Red (90%)
- Green (76%)
- Blue (64%)



- Red (90%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (10%)




- Cyan (10%)
- Magenta (24%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8859, 0.3665, 0.3644 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 57.8859, 0.3665, 0.3644 by changing the saturation by 10% instead.




 57.8859, 0.3665,  
0.3644


 57.8859, 0.3665,  
0.3644


416.7606, 0.3405,  
0.3478

 41.7169, 0.3727,  
0.3682

 101.7567, 0.3573,  
0.3586

 28.8797, 0.3805,  
0.3729


 130.2273, 0.3537,  
0.3564

 18.9898, 0.3906,  
0.3787


163.5672, 0.3507,  
0.3545

 11.6629, 0.4041,  
0.3863

202.1609, 0.3481,  
0.3528

 6.5146, 0.4229,  
0.3962

246.3926, 0.3458,  
0.3513

 3.1604, 0.4506,  
0.4093

296.6469, 0.3438,

 1.2161, 0.5372,

0.3500

0.4628

353.3081, 0.3421,  
0.3489

0.0748, 0.7797,  
0.2203

0.0000, 0.0000,  
0.0000

57.8859, 0.3665,  
0.3644

57.8859, 0.3665,  
0.3644

51.9532, 0.3903,  
0.3772

64.4145, 0.3454,  
0.3516

46.5899, 0.4165,  
0.3892

71.5486, 0.3270,  
0.3393

41.7789, 0.4448,  
0.3996

79.3075, 0.3110,  
0.3277

37.4992, 0.4739,  
0.4071

87.7074, 0.2971,  
0.3169

■ 33.7277, 0.5023,  
0.4103

■ 95.2290, 0.2970,  
0.3287

■ 30.4389, 0.5279,  
0.4083

■ 95.4015, 0.2970,  
0.3290

■ 27.5997, 0.5493,  
0.4011

■ 27.2942, 0.5517,  
0.4001

# Harmonies

## Analogous

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



57.8859, 0.3675, 0.3430



57.8859, 0.3665, 0.3644



57.8859, 0.3506, 0.3776

# Triad

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



57.8859, 0.3665, 0.3644



57.8859, 0.2735, 0.3373



57.8859, 0.2987, 0.2855

# Complementary

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



57.8859, 0.3665, 0.3644



53.8347, 0.2670, 0.2907

# 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.



57.8859, 0.2749, 0.2825



57.8859, 0.3665, 0.3644



57.8859, 0.2609, 0.3110

# Square

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



57.8859, 0.3665, 0.3644



57.8859, 0.2967, 0.3624



57.8859, 0.2614, 0.2913



57.8859, 0.3273, 0.2987



# Rectangle

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



57.8859, 0.3665, 0.3644



57.8859, 0.3341, 0.3792



57.8859, 0.2614, 0.2913



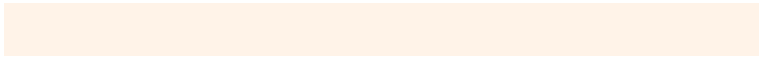
57.8859, 0.2899, 0.2832

# Sweetspot

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



57.8886, 0.3665, 0.3644



91.0877, 0.3274, 0.3396



46.9373, 0.3429, 0.2893



19.2013, 0.3299, 0.3413



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.



57.8886, 0.3665, 0.3644



68.9534, 0.3813, 0.3726



74.1450, 0.3568, 0.3987



15.4785, 0.3281, 0.3401



15.8390, 0.5492, 0.4021



1.3551, 0.5254, 0.4210

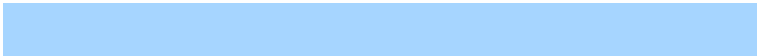


# Inverse Universe

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



53.8347, 0.2670, 0.2907



62.9304, 0.2567, 0.2807



40.4209, 0.2624, 0.2482



15.1463, 0.2981, 0.3177



11.3590, 0.1801, 0.1684

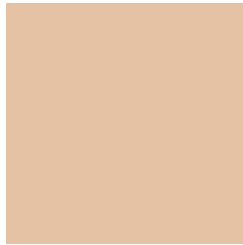


1.0251, 0.1871, 0.1937



# Previews

## White Background



This preview shows how the Yxy color 57.8859, 0.3665, 0.3644 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 57.8859, 0.3665, 0.3644 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

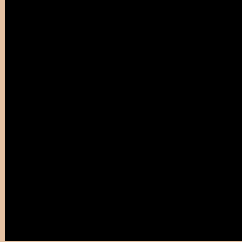
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.8859, 0.3665, 0.3644**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.8859, 0.3665, 0.3644.



This preview shows how white text looks on a background with the Yxy color 57.8859, 0.3665, 0.3644.

# 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

57.8859, 0.3665, 0.3644

### Protanopia

58.0588, 0.3480, 0.3695

### Deuteranopia

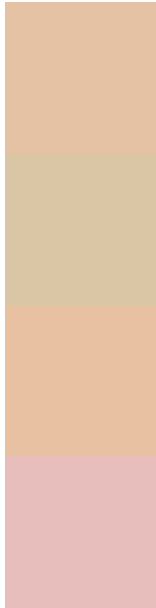
58.1079, 0.3702, 0.3629



## Tritanopia

57.7707, 0.3392, 0.3126

# Trichromacy



**Original Color**

57.8859, 0.3665, 0.3644

**Protanomaly**

58.0102, 0.3543, 0.3677

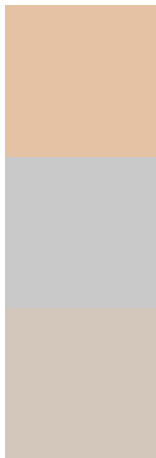
**Deuteranomaly**

57.9401, 0.3694, 0.3630

**Tritanomaly**

57.6136, 0.3495, 0.3313

# Monochromacy



**Original Color**

57.8859, 0.3665, 0.3644

**Achromatopsia**

58.4078, 0.3127, 0.3290

**Achromatomaly**

57.8249, 0.3314, 0.3420

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.8859, 0.3665, 0.3644 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(229, 194, 163)` looks like.

```
.text, #text, p{  
    color:rgb(229, 194, 163)  
}
```

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(229, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 194, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 57.8859, 0.3665, 0.3644 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(229, 194, 163) }
```

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

```
.border{ border-color:rgb(229, 194, 163) }
```

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

Here you see how a box with a 4 pixel rgb(229, 194, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(229, 194,  
163) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.8859, 0.3665, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 194, 163) }
```

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

```
.background{ background-color: rgb(229,  
194, 163) }
```

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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