

# Converting Colors

Yxy(53.6399, 0.3905, 0.3938)

Have a look what the booklet for  
Yxy(53.6399, 0.3905, 0.3938)  
contains.

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# Color

**Yxy(53.6399, 0.3905, 0.3938)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1BC84
RGB	225, 188, 132
RGB Percent	88%, 74%, 52%
CMY	0.1178, 0.2627, 0.4823
CMYK	0.00, 0.16, 0.41, 0.12
HSL	36°, 61%, 70%
HSV	36°, 41%, 88%
XYZ	53.1904, 53.6399, 29.3807
YIQ	192.6790, 40.0280, -9.5720

# Conversions

## Conversions Part 2

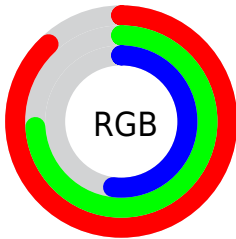
Format	Color
R <sub>Y</sub> B	193, 225, 132
Decimal	14793860
CIE Lab	78.25, 5.78, 33.26
CIE LCh	78, 33.761, 80.142
Yxy	53.6399, 0.3905, 0.3938
Android (android.graphics.Color)	4292983940 (0xFFE1BC84)
YUV	192.6790, -29.9147, 28.3455
Hunter-Lab	73.2393, 1.4679, 27.4827

# Details

The Yxy color **53.6399, 0.3905, 0.3938** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.6951, 0.2442, 0.2534**, and the grayscale version is **53.2910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5065, 0.3564, 0.3869**, and **26.2620, 0.4098, 0.4087** is the 20% darker color. If you saturate the color by 10%, you get **49.3888, 0.4134, 0.4086**, and if you desaturate by 10%, it is **58.2654, 0.3689, 0.3779**.

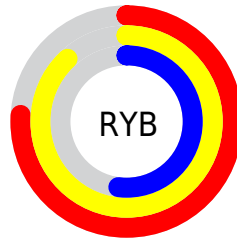
# Distribution



Red (88%)

Green (74%)

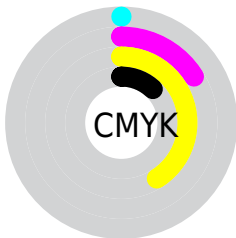
Blue (52%)



Red (76%)

Yellow (88%)

Blue (52%)

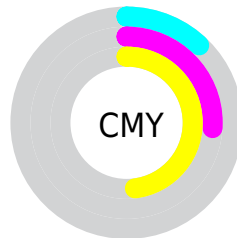


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (26%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6399, 0.3905, 0.3938 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 53.6399, 0.3905, 0.3938 by changing the saturation by 10% instead.




 53.6399, 0.3905,  
0.3938


 53.6399, 0.3905,  
0.3938


400.7353, 0.3529,  
0.3633

 38.3138, 0.3993,  
0.4007

 95.5453, 0.3772,  
0.3832

 26.2264, 0.4103,  
0.4091


 122.8935, 0.3721,  
0.3791

 16.9931, 0.4241,  
0.4194


 155.0178, 0.3677,  
0.3755

 10.2295, 0.4420,  
0.4321

192.3026, 0.3640,  
0.3724

 5.5514, 0.4651,  
0.4474

235.1324, 0.3607,  
0.3697

 2.5743, 0.5161,  
0.4839

283.8915, 0.3577,

 0.9138, 0.5276,

0.3673

0.4724

338.9644, 0.3552,  
0.3652

0.0000, 0.0000,  
0.0000

53.6399, 0.3905,  
0.3938

53.6399, 0.3905,  
0.3938

49.3888, 0.4134,  
0.4086

58.2654, 0.3689,  
0.3779

45.4918, 0.4368,  
0.4213

63.2698, 0.3489,  
0.3618

41.9374, 0.4597,  
0.4307

68.6669, 0.3309,  
0.3460

38.7099, 0.4809,  
0.4357

74.4673, 0.3147,  
0.3309

35.7917, 0.4991,  
0.4354

80.6812, 0.3004,  
0.3168

■ 33.4867, 0.5124,  
0.4313

■ 86.5226, 0.2943,  
0.3154

■ 91.9650, 0.2945,  
0.3245

■ 94.7412, 0.2946,  
0.3289

# Harmonies

## Analogous

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



53.6399, 0.4028, 0.3627



53.6399, 0.3905, 0.3938



53.6399, 0.3572, 0.4100

# Triad

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



53.6399, 0.3905, 0.3938



53.6399, 0.2415, 0.3242



53.6399, 0.3069, 0.2682

# Complementary

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



53.6399, 0.3905, 0.3938



38.6951, 0.2442, 0.2534

# 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.



53.6399, 0.2657, 0.2569



53.6399, 0.3905, 0.3938



53.6399, 0.2302, 0.2854

# Square

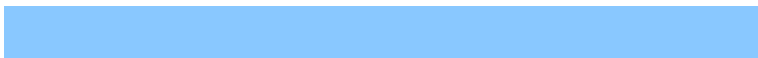
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.6399, 0.3905, 0.3938



53.6399, 0.2712, 0.3687



53.6399, 0.2387, 0.2622



53.6399, 0.3527, 0.2930



# Rectangle

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



53.6399, 0.3905, 0.3938



53.6399, 0.3284, 0.4075



53.6399, 0.2387, 0.2622



53.6399, 0.2921, 0.2627

# Sweetspot

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



53.6424, 0.3905, 0.3938



90.6689, 0.3322, 0.3472



35.3764, 0.3752, 0.2856



19.1996, 0.3345, 0.3492



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.



53.6424, 0.3905, 0.3938



66.1494, 0.4111, 0.4073



70.0430, 0.3670, 0.4335



15.0677, 0.3277, 0.3431



19.5383, 0.5106, 0.4328



1.5278, 0.4928, 0.4469



# Inverse Universe

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



38.6951, 0.2442, 0.2534



43.6780, 0.2287, 0.2332



27.6268, 0.2430, 0.2042



14.1326, 0.2981, 0.3145



7.5031, 0.1684, 0.1261



0.6915, 0.1769, 0.1568



# Previews

## White Background



This preview shows how the Yxy color 53.6399, 0.3905, 0.3938 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

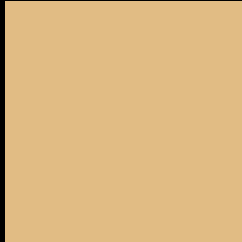
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.6399, 0.3905, 0.3938 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 53.6399, 0.3905, 0.3938**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.6399, 0.3905, 0.3938.

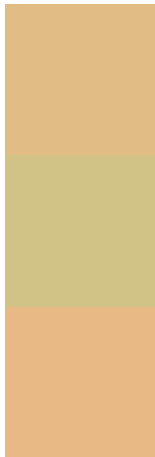


This preview shows how white text looks on a background with the Yxy color 53.6399, 0.3905, 0.3938.

# 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

53.6399, 0.3905, 0.3938

### Protanopia

53.8601, 0.3721, 0.4017

### Deuteranopia

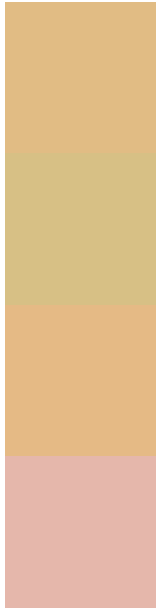
53.5472, 0.3974, 0.3879



## Tritanopia

53.5265, 0.3455, 0.3134

# Trichromacy



**Original Color**

53.6399, 0.3905, 0.3938

**Protanomaly**

53.8398, 0.3790, 0.3993

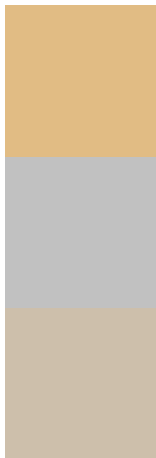
**Deuteranomaly**

53.4693, 0.3943, 0.3896

**Tritanomaly**

53.4653, 0.3630, 0.3429

# Monochromacy



**Original Color**

53.6399, 0.3905, 0.3938

**Achromatopsia**

53.3276, 0.3127, 0.3290

**Achromatomaly**

53.1810, 0.3401, 0.3535

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.6399, 0.3905, 0.3938 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(225, 188, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 188, 132)  
}
```

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(225, 188, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6399, 0.3905, 0.3938 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(225, 188, 132) }
```

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

```
.border{ border-color:rgb(225, 188, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 188, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 188, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 188, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 188,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6399, 0.3905, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 188, 132) }
```

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

```
.background{ background-color: rgb(225,  
188, 132) }
```

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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