

# Converting Colors

Yxy(53.1347, 0.3948, 0.3942)

Have a look what the booklet for  
Yxy(53.1347, 0.3948, 0.3942)  
contains.

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# Color

**Yxy(53.0604, 0.3949, 0.3934)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3BA82
RGB	227, 186, 130
RGB Percent	89%, 73%, 51%
CMY	0.1099, 0.2705, 0.4902
CMYK	0.00, 0.18, 0.43, 0.11
HSL	35°, 63%, 70%
HSV	35°, 43%, 89%
XYZ	53.2627, 53.0604, 28.5533
YIQ	191.8750, 42.4120, -8.7240

# Conversions

## Conversions Part 2

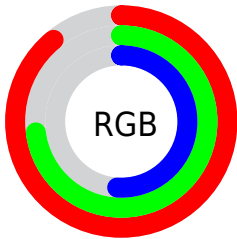
Format	Color
<a href="#">RYB</a>	<a href="#">201, 227, 130</a>
Decimal	<a href="#">14924418</a>
CIELab	<a href="#">77.91, 7.44, 33.90</a>
CIELCh	<a href="#">78, 34.705, 77.629</a>
Yxy	<a href="#">53.0604, 0.3949, 0.3934</a>
Android (android.graphics.Color)	<a href="#">4293114498</a> ( <a href="#">0xFFE3BA82</a> )
YUV	<a href="#">191.8750, -30.5044, 30.8046</a>
Hunter-Lab	<a href="#">72.8426, 3.0453, 27.7489</a>

# Details

The Yxy color **53.0604, 0.3949, 0.3934** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.4062, 0.2423, 0.2537**, and the grayscale version is **52.7990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2250, 0.3582, 0.3870**, and **25.9003, 0.4159, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **48.6130, 0.4187, 0.4075**, and if you desaturate by 10%, it is **57.9184, 0.3725, 0.3782**.

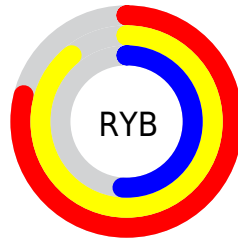
# Distribution



Red (89%)

Green (73%)

Blue (51%)



Red (79%)

Yellow (89%)

Blue (51%)

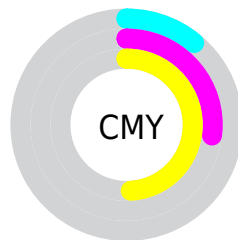


Cyan (0%)

Magenta (18%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (27%)

Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0604, 0.3949, 0.3934 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 53.0604, 0.3949, 0.3934 by changing the saturation by 10% instead.





 53.0604, 0.3949,  
0.3934

 53.0604, 0.3949,  
0.3934


398.5168, 0.3550,  
0.3632

 37.8510, 0.4043,  
0.4001


 94.6932, 0.3808,  
0.3830

 25.8671, 0.4159,  
0.4083


 121.8855, 0.3754,  
0.3789

 16.7242, 0.4306,  
0.4183


 153.8407, 0.3708,  
0.3754

 10.0381, 0.4495,  
0.4303

190.9435, 0.3668,  
0.3723

 5.4242, 0.4741,  
0.4444

233.5780, 0.3633,  
0.3696

 2.4982, 0.5245,  
0.4755

282.1289, 0.3602,

 0.8758, 0.5395,

0.3673

0.4605

336.9803, 0.3575,  
0.3651

0.0000, 0.0000,  
0.0000

53.0604, 0.3949,  
0.3934

53.0604, 0.3949,  
0.3934

48.6130, 0.4187,  
0.4075

57.9184, 0.3725,  
0.3782

44.5545, 0.4431,  
0.4193

63.1928, 0.3520,  
0.3627

40.8719, 0.4670,  
0.4276

68.8984, 0.3334,  
0.3474

37.5481, 0.4890,  
0.4313

75.0473, 0.3169,  
0.3328

34.5633, 0.5079,  
0.4296

81.6505, 0.3023,  
0.3191

■ 32.5856, 0.5197,  
0.4255

■ 87.9769, 0.2956,  
0.3174

■ 93.8843, 0.2958,  
0.3271

■ 95.0681, 0.2958,  
0.3290

# Harmonies

## Analogous

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



53.0604, 0.4055, 0.3605



53.0604, 0.3949, 0.3934



53.0604, 0.3619, 0.4120

# Triad

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



53.0604, 0.3949, 0.3934



53.0604, 0.2412, 0.3278



53.0604, 0.3027, 0.2649

# Complementary

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



53.0604, 0.3949, 0.3934



39.4062, 0.2423, 0.2537

# 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.



53.0604, 0.2613, 0.2546



53.0604, 0.3949, 0.3934



53.0604, 0.2280, 0.2867

# Square

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



53.0604, 0.3949, 0.3934



53.0604, 0.2731, 0.3736



53.0604, 0.2350, 0.2614



53.0604, 0.3501, 0.2894



# Rectangle

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



53.0604, 0.3949, 0.3934



53.0604, 0.3326, 0.4112



53.0604, 0.2350, 0.2614



53.0604, 0.2877, 0.2597

# Sweetspot

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



53.0629, 0.3949, 0.3934



89.4339, 0.3340, 0.3479



35.2733, 0.3746, 0.2805



18.7797, 0.3380, 0.3513



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.



53.0629, 0.3949, 0.3934



64.0756, 0.4153, 0.4056



71.8370, 0.3712, 0.4360



15.7435, 0.3278, 0.3426



19.2430, 0.5178, 0.4270



1.6050, 0.4996, 0.4415

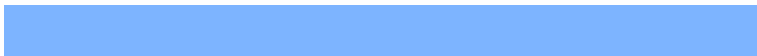


# Inverse Universe

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



39.4062, 0.2423, 0.2537



44.1745, 0.2278, 0.2352



26.7841, 0.2376, 0.1984



14.8829, 0.2981, 0.3151



8.3222, 0.1704, 0.1334

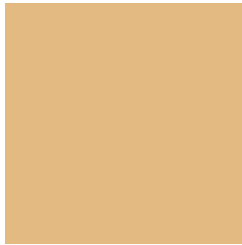


0.7956, 0.1783, 0.1620



# Previews

## White Background



This preview shows how the Yxy color 53.0604, 0.3949, 0.3934 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 53.0604, 0.3949, 0.3934 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 53.0604, 0.3949, 0.3934**

## Background



This preview shows how black text looks on a background with the Yxy color 53.0604, 0.3949, 0.3934.



This preview shows how white text looks on a background with the Yxy color 53.0604, 0.3949, 0.3934.

# 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

53.0604, 0.3949, 0.3934

### Protanopia

53.2433, 0.3724, 0.4021

### Deuteranopia

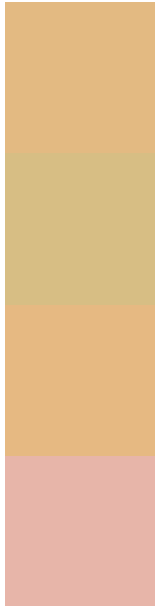
52.8816, 0.3995, 0.3903



## Tritanopia

52.9702, 0.3494, 0.3134

# Trichromacy



**Original Color**

53.0604, 0.3949, 0.3934

**Protanomaly**

52.9399, 0.3807, 0.3983

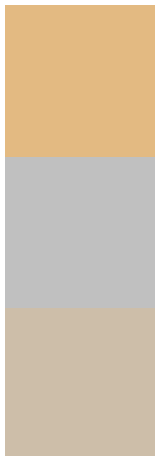
**Deuteranomaly**

53.1326, 0.3981, 0.3916

**Tritanomaly**

52.9012, 0.3671, 0.3428

# Monochromacy



**Original Color**

53.0604, 0.3949, 0.3934

**Achromatopsia**

52.7115, 0.3127, 0.3290

**Achromatomaly**

52.6706, 0.3419, 0.3548

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.0604, 0.3949, 0.3934 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(227, 186, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 130)  
}
```

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(227, 186, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 130) }
```

## Border

The CSS property to change the border of an element to Yxy 53.0604, 0.3949, 0.3934 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(227, 186, 130) }
```

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

```
.border{ border-color:rgb(227, 186, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
130) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.0604, 0.3949, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 130) }
```

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

```
.background{ background-color: rgb(227,  
186, 130) }
```

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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