

# Converting Colors

Yxy(53.0163, 0.3681, 0.3835)

Have a look what the booklet for  
Yxy(53.0163, 0.3681, 0.3835)  
contains.

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# Color

**Yxy(53.0174, 0.3685, 0.3833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5BE91
RGB	213, 190, 145
RGB Percent	84%, 75%, 57%
CMY	0.1646, 0.2549, 0.4314
CMYK	0.00, 0.11, 0.32, 0.16
HSL	40°, 45%, 70%
HSV	40°, 32%, 84%
XYZ	50.9703, 53.0174, 34.3306
YIQ	191.7470, 28.1530, -9.1190

# Conversions

## Conversions Part 2

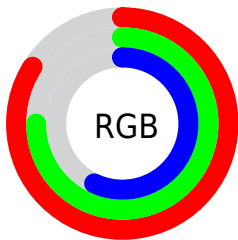
Format	Color
<a href="#">RYB</a>	<a href="#">180, 213, 145</a>
Decimal	<a href="#">14007953</a>
CIELab	<a href="#">77.89, 1.54, 25.75</a>
CIELCh	<a href="#">78, 25.793, 86.569</a>
Yxy	<a href="#">53.0174, 0.3685, 0.3833</a>
Android (android.graphics.Color)	<a href="#">4292198033</a> ( <a href="#">0xFFD5BE91</a> )
YUV	<a href="#">191.7470, -23.0463, 18.6389</a>
Hunter-Lab	<a href="#">72.8130, -2.4700, 23.0145</a>

# Details

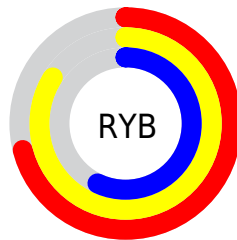
The Yxy color **53.0174, 0.3685, 0.3833** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8381, 0.2599, 0.2678**, and the grayscale version is **52.6842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2951, 0.3478, 0.3757**, and **25.8676, 0.3826, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **49.3761, 0.3889, 0.4005**, and if you desaturate by 10%, it is **56.9413, 0.3493, 0.3658**.

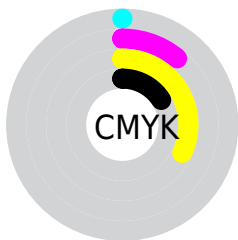
# Distribution



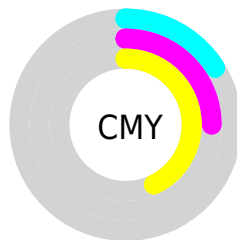
- Red (84%)
- Green (75%)
- Blue (57%)



- Red (71%)
- Yellow (84%)
- Blue (57%)



- Cyan (0%)
- Magenta (11%)
- Yellow (32%)
- Black (16%)




- Cyan (16%)
- Magenta (25%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0174, 0.3685, 0.3833 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 53.0174, 0.3685, 0.3833 by changing the saturation by 10% instead.





 53.0174, 0.3685,  
0.3833


 53.0174, 0.3685,  
0.3833


398.3519, 0.3414,  
0.3571

 37.8167, 0.3750,  
0.3895


 94.6300, 0.3589,  
0.3740

 25.8404, 0.3831,  
0.3972

 121.8106, 0.3552,  
0.3705

 16.7043, 0.3935,  
0.4071


153.7533, 0.3520,  
0.3674

 10.0239, 0.4072,  
0.4200

190.8425, 0.3493,  
0.3648

 5.4148, 0.4259,  
0.4373

233.4625, 0.3469,  
0.3625

 2.4926, 0.4619,  
0.4709

281.9979, 0.3449,

 0.8729, 0.4985,

0.3605

0.5015

336.8328, 0.3430,  
0.3587

0.0000, 0.0000,  
0.0000

53.0174, 0.3685,  
0.3833

53.0174, 0.3685,  
0.3833

49.3761, 0.3889,  
0.4005

56.9413, 0.3493,  
0.3658

46.0011, 0.4101,  
0.4164

61.1492, 0.3317,  
0.3486

42.8849, 0.4313,  
0.4301

65.6514, 0.3156,  
0.3321


40.0168, 0.4516,  
0.4405


70.4556, 0.3012,  
0.3165


37.3847, 0.4699,  
0.4464


75.5691, 0.2884,  
0.3020

 34.9744, 0.4852,  
0.4472

 79.7983, 0.2867,  
0.3062

 33.1750, 0.4955,  
0.4448

 83.9713, 0.2871,  
0.3139

 88.3132, 0.2874,  
0.3214

 92.8260, 0.2877,  
0.3288

# Harmonies

## Analogous

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



53.0174, 0.3814, 0.3618



53.0174, 0.3685, 0.3833



53.0174, 0.3407, 0.3909

# Triad

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



53.0174, 0.3685, 0.3833



53.0174, 0.2542, 0.3189



53.0174, 0.3162, 0.2848

# Complementary

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



53.0174, 0.3685, 0.3833



38.8381, 0.2599, 0.2678

# 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.



53.0174, 0.2827, 0.2734



53.0174, 0.3685, 0.3833



53.0174, 0.2484, 0.2909

# Square

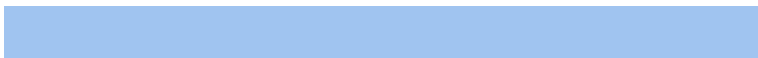
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.0174, 0.3685, 0.3833



53.0174, 0.2749, 0.3523



53.0174, 0.2585, 0.2751



53.0174, 0.3504, 0.3064



# Rectangle

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



53.0174, 0.3685, 0.3833



53.0174, 0.3179, 0.3856



53.0174, 0.2585, 0.2751



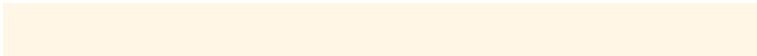
53.0174, 0.3044, 0.2796

# Sweetspot

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



53.0198, 0.3685, 0.3833



93.0806, 0.3286, 0.3455



37.2556, 0.3599, 0.2999



19.7228, 0.3310, 0.3479



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.



53.0198, 0.3685, 0.3833



76.0797, 0.3816, 0.3945



62.3185, 0.3524, 0.4105



13.7789, 0.3275, 0.3444



20.4545, 0.4941, 0.4459



1.3841, 0.4780, 0.4587



# Inverse Universe

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



38.8381, 0.2599, 0.2678



51.7183, 0.2484, 0.2530



32.0415, 0.2644, 0.2373



12.6890, 0.2982, 0.3131



5.9441, 0.1640, 0.1102

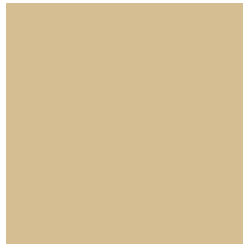


0.5095, 0.1737, 0.1454



# Previews

## White Background



This preview shows how the Yxy color 53.0174, 0.3685, 0.3833 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

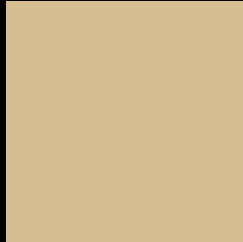
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.0174, 0.3685, 0.3833 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

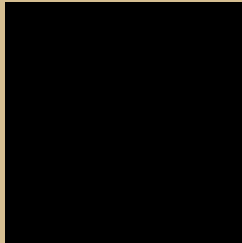
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.0174, 0.3685, 0.3833**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.0174, 0.3685, 0.3833.

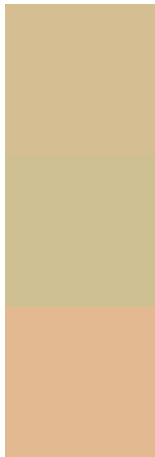


This preview shows how white text looks on a background with the Yxy color 53.0174, 0.3685, 0.3833.

# 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

53.0174, 0.3685, 0.3833

### Protanopia

52.8964, 0.3608, 0.3856

### Deuteranopia

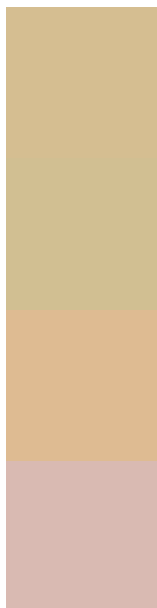
53.1041, 0.3821, 0.3742



## Tritanopia

52.9583, 0.3322, 0.3129

# Trichromacy



## Original Color

53.0174, 0.3685, 0.3833

## Protanomaly

52.8922, 0.3638, 0.3839

## Deuteranomaly

53.1456, 0.3768, 0.3772

## Tritanomaly

53.0839, 0.3457, 0.3385

# Monochromacy



## Original Color

53.0174, 0.3685, 0.3833

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.6361, 0.3326, 0.3488

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.0174, 0.3685, 0.3833 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(213, 190, 145)` looks like.

```
.text, #text, p{  
    color:rgb(213, 190, 145)  
}
```

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(213, 190, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 190, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 53.0174, 0.3685, 0.3833 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(213, 190, 145) }
```

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

```
.border{ border-color:rgb(213, 190, 145) }
```

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

Here you see how a box with a 4 pixel rgb(213, 190, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 190, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 190, 145);  
box-shadow:4px 4px 4px 4px rgb(213, 190,  
145) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 53.0174, 0.3685, 0.3833$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 190, 145) }
```

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

```
.background{ background-color: rgb(213,  
190, 145) }
```

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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