

# Converting Colors

Yxy(44.0144, 0.3593, 0.3849)

Have a look what the booklet for  
Yxy(44.0144, 0.3593, 0.3849)  
contains.

<b>Yxy(44.0124, 0.3593, 0.3849)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(44.0124, 0.3593, 0.3849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB187
RGB	189, 177, 135
RGB Percent	74%, 69%, 53%
CMY	0.2587, 0.3059, 0.4706
CMYK	0.00, 0.06, 0.29, 0.26
HSL	47°, 29%, 64%
HSV	47°, 29%, 74%
XYZ	41.0851, 44.0124, 29.2501
YIQ	175.8000, 20.6340, -10.5180

# Conversions

## Conversions Part 2

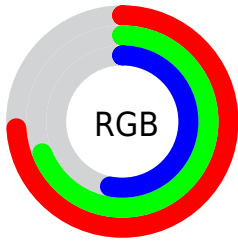
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 189, 135
Decimal	12431751
CIELab	72.24, -2.28, 23.08
CIELCh	72, 23.196, 95.637
Yxy	44.0124, 0.3593, 0.3849
Android (android.graphics.Color)	4290621831 (0xFFBDB187)
YUV	175.8000, -20.1144, 11.5764
Hunter-Lab	66.3418, -5.5543, 20.2983

# Details

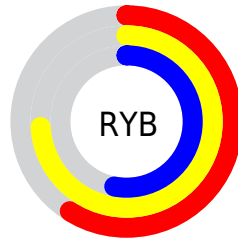
The Yxy color **44.0124, 0.3593, 0.3849** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.6993, 0.2653, 0.2660**, and the grayscale version is **43.4072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5015, 0.3512, 0.3756**, and **20.4740, 0.3720, 0.4016** is the 20% darker color. If you saturate the color by 10%, you get **41.8922, 0.3772, 0.4047**, and if you desaturate by 10%, it is **46.2824, 0.3420, 0.3649**.

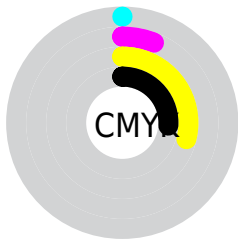
# Distribution



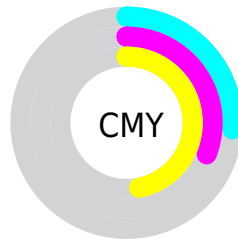
- Red (74%)
- Green (69%)
- Blue (53%)



- Red (59%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (26%)




- Cyan (26%)
- Magenta (31%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0124, 0.3593, 0.3849 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 44.0124, 0.3593, 0.3849 by changing the saturation by 10% instead.





 44.0124, 0.3593,  
0.3849

 44.0124, 0.3593,  
0.3849


362.7589, 0.3360,  
0.3567


 30.6803, 0.3650,  
0.3919


 81.2364, 0.3509,  
0.3746

 20.3555, 0.3723,  
0.4010


 105.8971, 0.3477,  
0.3708

 12.6537, 0.3818,  
0.4129


 135.1027, 0.3450,  
0.3675

 7.1905, 0.3946,  
0.4292

169.2376, 0.3427,  
0.3647

 3.5815, 0.4124,  
0.4524

208.6863, 0.3407,  
0.3623

 1.4424, 0.4732,  
0.5268

253.8332, 0.3390,

 0.2476, 0.4206,

0.3602

0.5794

305.0626, 0.3374,  
0.3584

0.0000, 0.0000,  
0.0000

44.0124, 0.3593,  
0.3849

44.0124, 0.3593,  
0.3849

41.8922, 0.3772,  
0.4047

46.2824, 0.3420,  
0.3649

39.9103, 0.3953,  
0.4233

48.7012, 0.3257,  
0.3452

38.0627, 0.4129,  
0.4400

51.2756, 0.3107,  
0.3264

36.3430, 0.4292,  
0.4536

54.0101, 0.2968,  
0.3086

34.7439, 0.4435,  
0.4632

56.9090, 0.2843,  
0.2920

■ 33.2567, 0.4550,  
0.4682

■ 59.9764, 0.2730,  
0.2767

■ 31.8676, 0.4639,  
0.4689

■ 62.3976, 0.2696,  
0.2748

■ 31.6756, 0.4651,  
0.4689

■ 64.4558, 0.2701,  
0.2797

■ 66.5687, 0.2705,  
0.2845

# Harmonies

## Analogous

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



44.0124, 0.3766, 0.3677



44.0124, 0.3593, 0.3849



44.0124, 0.3299, 0.3869

# Triad

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



44.0124, 0.3593, 0.3849



44.0124, 0.2533, 0.3104



44.0124, 0.3263, 0.2919

# Complementary

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



44.0124, 0.3593, 0.3849



29.6993, 0.2653, 0.2660

# 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.



44.0124, 0.2931, 0.2777



44.0124, 0.3593, 0.3849



44.0124, 0.2524, 0.2866

# Square

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



44.0124, 0.3593, 0.3849



44.0124, 0.2692, 0.3417



44.0124, 0.2665, 0.2754



44.0124, 0.3573, 0.3150



# Rectangle

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



44.0124, 0.3593, 0.3849



44.0124, 0.3077, 0.3780



44.0124, 0.2665, 0.2754



44.0124, 0.3150, 0.2860

# Sweetspot

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



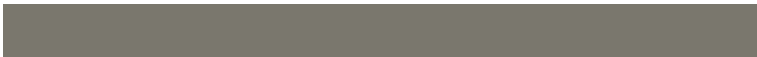
44.0144, 0.3593, 0.3849



86.9514, 0.3266, 0.3463



30.2744, 0.3601, 0.3118



18.5596, 0.3289, 0.3492



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.0144, 0.3593, 0.3849



76.5140, 0.3699, 0.3968



47.2226, 0.3424, 0.4025



10.7505, 0.3270, 0.3467



21.4248, 0.4644, 0.4695



0.9298, 0.4516, 0.4796



# Inverse Universe

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



29.6993, 0.2653, 0.2660



46.8954, 0.2542, 0.2504



27.4300, 0.2766, 0.2503



9.5605, 0.2984, 0.3106



3.6849, 0.1570, 0.0853



0.2447, 0.1699, 0.1315



# Previews

## White Background



This preview shows how the Yxy color 44.0124, 0.3593, 0.3849 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 44.0124, 0.3593, 0.3849 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

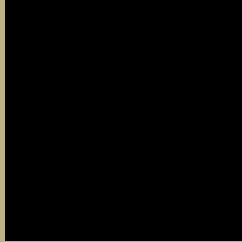
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 44.0124, 0.3593, 0.3849**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.0124, 0.3593, 0.3849.



This preview shows how white text looks on a background with the Yxy color 44.0124, 0.3593, 0.3849.

# 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

44.0124, 0.3593, 0.3849

### Protanopia

44.0124, 0.3593, 0.3849

### Deuteranopia

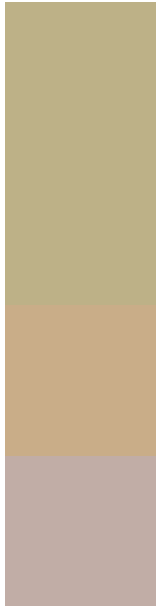
43.9369, 0.3794, 0.3718



## Tritanopia

43.8122, 0.3235, 0.3113

# Trichromacy



## Original Color

44.0124, 0.3593, 0.3849

## Protanomaly

44.0124, 0.3593, 0.3849

## Deuteranomaly

44.0822, 0.3714, 0.3766

## Tritanomaly

43.9778, 0.3369, 0.3382

# Monochromacy



## Original Color

44.0124, 0.3593, 0.3849

## Achromatopsia

43.4154, 0.3127, 0.3290

## Achromatomaly

43.4476, 0.3297, 0.3492

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.0124, 0.3593, 0.3849 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(189, 177, 135)` looks like.

```
.text, #text, p{  
    color:rgb(189, 177, 135)  
}
```

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(189, 177, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 177, 135) }
```

## Border

The CSS property to change the border of an element to Yxy 44.0124, 0.3593, 0.3849 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(189, 177, 135) }
```

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

```
.border{ border-color:rgb(189, 177, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 177, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 177, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 177, 135);  
box-shadow:4px 4px 4px 4px rgb(189, 177,  
135) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.0124, 0.3593, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 177, 135) }
```

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

```
.background{ background-color: rgb(189,  
177, 135) }
```

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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