

# Converting Colors

Yxy(44.0169, 0.3615, 0.3796)

Have a look what the booklet for  
Yxy(44.0169, 0.3615, 0.3796)  
contains.

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# **Color**

**Yxy(44.1943, 0.3617, 0.3803)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B089
RGB	193, 176, 137
RGB Percent	76%, 69%, 54%
CMY	0.2431, 0.3098, 0.4627
CMYK	0.00, 0.09, 0.29, 0.24
HSL	42°, 31%, 65%
HSV	42°, 29%, 76%
XYZ	42.0328, 44.1943, 29.9819
YIQ	176.6370, 22.6510, -8.5250

# Conversions

## Conversions Part 2

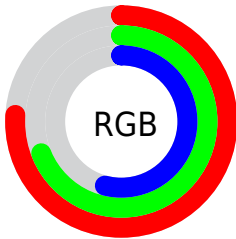
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 193, 137
Decimal	12693641
CIELab	72.36, 0.08, 22.23
CIElCh	72, 22.226, 89.786
Yxy	44.1943, 0.3617, 0.3803
Android (android.graphics.Color)	4290883721 (0xFFC1B089)
YUV	176.6370, -19.5410, 14.3504
Hunter-Lab	66.4788, -3.4770, 19.7954

# Details

The Yxy color **44.1943, 0.3617, 0.3803** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2784, 0.2651, 0.2717**, and the grayscale version is **43.8625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7988, 0.3524, 0.3710**, and **20.5924, 0.3755, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **41.4434, 0.3810, 0.3983**, and if you desaturate by 10%, it is **47.1474, 0.3435, 0.3621**.

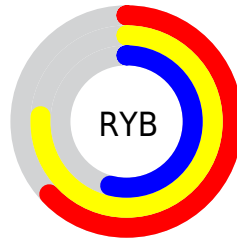
# Distribution



Red (76%)

Green (69%)

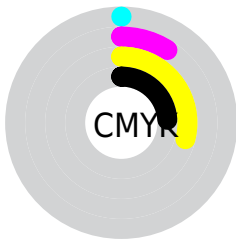
Blue (54%)



Red (63%)

Yellow (76%)

Blue (54%)

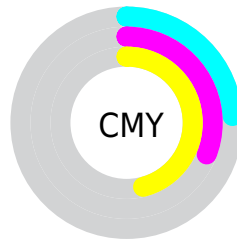


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (24%)



Cyan (24%)

Magenta (31%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1943, 0.3617, 0.3803 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 44.1943, 0.3617, 0.3803 by changing the saturation by 10% instead.





 44.1943, 0.3617,  
0.3803


 44.1943, 0.3617,  
0.3803


363.5006, 0.3371,  
0.3546

 30.8233, 0.3678,  
0.3867


 81.5100, 0.3528,  
0.3710

 20.4643, 0.3756,  
0.3948


 106.2236, 0.3494,  
0.3675

 12.7330, 0.3858,  
0.4055


 135.4867, 0.3466,  
0.3645

 7.2450, 0.3996,  
0.4200


169.6839, 0.3442,  
0.3619

 3.6158, 0.4192,  
0.4404

209.1994, 0.3421,  
0.3597

 1.4610, 0.4878,  
0.5122

254.4178, 0.3402,

 0.2611, 0.4893,

0.3578

0.5107

305.7234, 0.3386,  
0.3561

0.0000, 0.0000,  
0.0000

44.1943, 0.3617,  
0.3803

44.1943, 0.3617,  
0.3803

41.4434, 0.3810,  
0.3983

47.1474, 0.3435,  
0.3621

38.8821, 0.4011,  
0.4154

50.3028, 0.3266,  
0.3444

36.5055, 0.4211,  
0.4305

53.6683, 0.3113,  
0.3274

34.3059, 0.4403,  
0.4426

57.2492, 0.2974,  
0.3114

32.2746, 0.4577,  
0.4507

61.0509, 0.2850,  
0.2965

■ 30.4017, 0.4725,  
0.4541

■ 65.0783, 0.2739,  
0.2828

■ 28.6713, 0.4844,  
0.4529

■ 68.1853, 0.2732,  
0.2872

■ 28.5064, 0.4855,  
0.4527

■ 71.2586, 0.2738,  
0.2938

■ 74.4402, 0.2743,  
0.3004

# Harmonies

## Analogous

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



44.1943, 0.3751, 0.3619



44.1943, 0.3617, 0.3803



44.1943, 0.3353, 0.3853

# Triad

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



44.1943, 0.3617, 0.3803



44.1943, 0.2576, 0.3168



44.1943, 0.3195, 0.2900

# Complementary

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



44.1943, 0.3617, 0.3803



32.2784, 0.2651, 0.2717

# 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.



44.1943, 0.2882, 0.2784



44.1943, 0.3617, 0.3803



44.1943, 0.2539, 0.2921

# Square

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



44.1943, 0.3617, 0.3803



44.1943, 0.2755, 0.3471



44.1943, 0.2647, 0.2787



44.1943, 0.3502, 0.3108



# Rectangle

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



44.1943, 0.3617, 0.3803



44.1943, 0.3142, 0.3790



44.1943, 0.2647, 0.2787



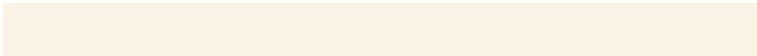
44.1943, 0.3087, 0.2849

# Sweetspot

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



44.1963, 0.3617, 0.3803



90.0200, 0.3268, 0.3446



31.5868, 0.3560, 0.3053



19.1295, 0.3292, 0.3471



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



44.1963, 0.3617, 0.3803



75.8959, 0.3742, 0.3921



49.9803, 0.3470, 0.4028



11.2256, 0.3272, 0.3450



19.1064, 0.4845, 0.4535



0.9422, 0.4667, 0.4677



# Inverse Universe

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



32.2784, 0.2651, 0.2717



51.0087, 0.2534, 0.2564



27.9698, 0.2716, 0.2478



10.2353, 0.2984, 0.3125



4.7369, 0.1618, 0.1023



0.3290, 0.1747, 0.1490



# Previews

## White Background



This preview shows how the Yxy color 44.1943, 0.3617, 0.3803 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 44.1943, 0.3617, 0.3803 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

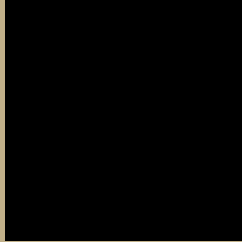
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 44.1943, 0.3617, 0.3803**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.1943, 0.3617, 0.3803.



This preview shows how white text looks on a background with the Yxy color 44.1943, 0.3617, 0.3803.

# 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

44.1943, 0.3617, 0.3803

### Protanopia

44.0981, 0.3567, 0.3809

### Deuteranopia

43.9943, 0.3775, 0.3693



## Tritanopia

44.1741, 0.3271, 0.3127

# Trichromacy



## Original Color

44.1943, 0.3617, 0.3803

## Protanomaly

44.2264, 0.3576, 0.3807

## Deuteranomaly

44.0365, 0.3719, 0.3725

## Tritanomaly

43.9940, 0.3399, 0.3368

# Monochromacy



## Original Color

44.1943, 0.3617, 0.3803

## Achromatopsia

43.9657, 0.3127, 0.3290

## Achromatomaly

44.1202, 0.3305, 0.3491

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.1943, 0.3617, 0.3803 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(193, 176, 137)` looks like.

```
.text, #text, p{  
    color:rgb(193, 176, 137)  
}
```

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(193, 176, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 176, 137) }
```

## Border

The CSS property to change the border of an element to Yxy 44.1943, 0.3617, 0.3803 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(193, 176, 137) }
```

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

```
.border{ border-color:rgb(193, 176, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 176, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 176, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 176, 137);  
box-shadow:4px 4px 4px 4px rgb(193, 176,  
137) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.1943, 0.3617, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 176, 137) }
```

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

```
.background{ background-color: rgb(193,  
176, 137) }
```

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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