

# Converting Colors

$Yxy(43.5237, 0.3643, 0.3863)$

Have a look what the booklet for  
Yxy(43.5237, 0.3643, 0.3863)  
contains.

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# Color

**Yxy(43.4023, 0.3645, 0.3860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFAF84
RGB	191, 175, 132
RGB Percent	75%, 69%, 52%
CMY	0.2509, 0.3137, 0.4823
CMYK	0.00, 0.08, 0.31, 0.25
HSL	44°, 32%, 63%
HSV	44°, 31%, 75%
XYZ	40.9848, 43.4023, 28.0541
YIQ	174.8820, 23.3390, -9.9810

# Conversions

## Conversions Part 2

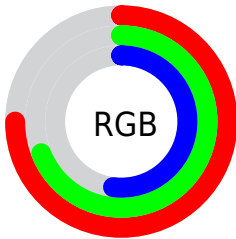
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 191, 132
Decimal	12562308
CIELab	71.83, -0.82, 24.16
CIElCh	72, 24.175, 91.946
Yxy	43.4023, 0.3645, 0.3860
Android (android.graphics.Color)	4290752388 (0xFFBFAF84)
YUV	174.8820, -21.1408, 14.1355
Hunter-Lab	65.8804, -4.2443, 20.8686

# Details

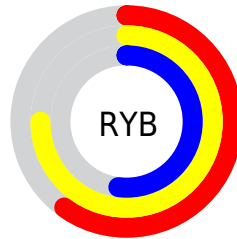
The Yxy color **43.4023, 0.3645, 0.3860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8616, 0.2615, 0.2645**, and the grayscale version is **42.9105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0529, 0.3554, 0.3755**, and **20.0935, 0.3794, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **40.9479, 0.3834, 0.4046**, and if you desaturate by 10%, it is **46.0340, 0.3464, 0.3671**.

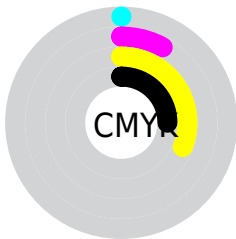
# Distribution



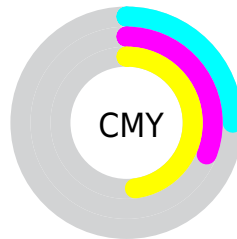
- Red (75%)
- Green (69%)
- Blue (52%)



- Red (60%)
- Yellow (75%)
- Blue (52%)



- Cyan (0%)
- Magenta (8%)
- Yellow (31%)
- Black (25%)




- Cyan (25%)
- Magenta (31%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4023, 0.3645, 0.3860 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 43.4023, 0.3645, 0.3860 by changing the saturation by 10% instead.





 43.4023, 0.3645,  
0.3860


 43.4023, 0.3645,  
0.3860


360.2636, 0.3385,  
0.3573

 30.2009, 0.3709,  
0.3931


 80.3176, 0.3551,  
0.3756

 19.9911, 0.3791,  
0.4022


 104.8003, 0.3515,  
0.3717

 12.3886, 0.3897,  
0.4141


 133.8122, 0.3485,  
0.3684

 7.0089, 0.4041,  
0.4303

167.7377, 0.3460,  
0.3655

 3.4677, 0.4240,  
0.4529

206.9612, 0.3437,  
0.3631

 1.3805, 0.4822,  
0.5178

251.8671, 0.3418,

 0.2023, 0.4599,

0.3609

0.5401

302.8397, 0.3401,  
0.3590

0.0000, 0.0000,  
0.0000

43.4023, 0.3645,  
0.3860

43.4023, 0.3645,  
0.3860

40.9479, 0.3834,  
0.4046

46.0340, 0.3464,  
0.3671

38.6587, 0.4027,  
0.4220

48.8427, 0.3296,  
0.3485

36.5302, 0.4216,  
0.4372

51.8357, 0.3140,  
0.3305

34.5549, 0.4393,  
0.4492

55.0180, 0.2999,  
0.3136

32.7249, 0.4549,  
0.4570

58.3946, 0.2872,  
0.2978

■ 31.0304, 0.4677,  
0.4600

■ 61.9699, 0.2757,  
0.2833

■ 29.5879, 0.4772,  
0.4593

■ 65.0378, 0.2714,  
0.2806

■ 67.6614, 0.2719,  
0.2865

■ 70.3690, 0.2725,  
0.2924

# Harmonies

## Analogous

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



43.4023, 0.3806, 0.3664



43.4023, 0.3645, 0.3860



43.4023, 0.3348, 0.3905

# Triad

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



43.4023, 0.3645, 0.3860



43.4023, 0.2519, 0.3132



43.4023, 0.3226, 0.2879

# Complementary

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



43.4023, 0.3645, 0.3860



29.8616, 0.2615, 0.2645

# 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.



43.4023, 0.2882, 0.2744



43.4023, 0.3645, 0.3860



43.4023, 0.2489, 0.2870

# Square

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



43.4023, 0.3645, 0.3860



43.4023, 0.2702, 0.3464



43.4023, 0.2618, 0.2737



43.4023, 0.3559, 0.3110



# Rectangle

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



43.4023, 0.3645, 0.3860



43.4023, 0.3117, 0.3828



43.4023, 0.2618, 0.2737



43.4023, 0.3107, 0.2822

# Sweetspot

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



43.4043, 0.3645, 0.3860



88.3706, 0.3267, 0.3453



29.7482, 0.3619, 0.3063



19.2363, 0.3291, 0.3480



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.



43.4043, 0.3645, 0.3860



74.7415, 0.3771, 0.3985



48.4280, 0.3473, 0.4081



10.6704, 0.3271, 0.3456



19.5803, 0.4763, 0.4600



0.8702, 0.4598, 0.4731



# Inverse Universe

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



29.8616, 0.2615, 0.2645



46.7056, 0.2492, 0.2478



26.2724, 0.2703, 0.2424



9.6356, 0.2984, 0.3118



4.1945, 0.1598, 0.0952



0.2772, 0.1736, 0.1448



# Previews

## White Background



This preview shows how the Yxy color 43.4023, 0.3645, 0.3860 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 43.4023, 0.3645, 0.3860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

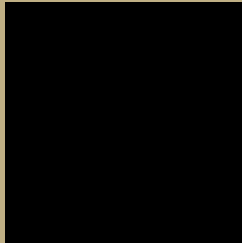
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.4023, 0.3645, 0.3860**

## **Background**



This preview shows how black text looks on a background with the Yxy color 43.4023, 0.3645, 0.3860.

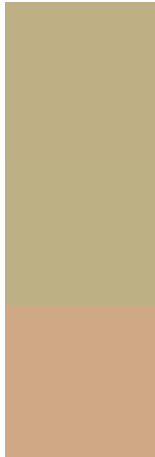


This preview shows how white text looks on a background with the Yxy color 43.4023, 0.3645, 0.3860.

# 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

43.4023, 0.3645, 0.3860

### Protanopia

43.5354, 0.3622, 0.3877

### Deuteranopia

43.3348, 0.3816, 0.3745



## Tritanopia

43.2530, 0.3273, 0.3113

# Trichromacy



## Original Color

43.4023, 0.3645, 0.3860

## Protanomaly

43.6638, 0.3632, 0.3875

## Deuteranomaly

43.2368, 0.3749, 0.3780

## Tritanomaly

43.4083, 0.3410, 0.3381

# Monochromacy



## Original Color

43.4023, 0.3645, 0.3860

## Achromatopsia

42.8690, 0.3127, 0.3290

## Achromatomaly

42.9869, 0.3316, 0.3507

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.4023, 0.3645, 0.3860 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(191, 175, 132)` looks like.

```
.text, #text, p{  
    color:rgb(191, 175, 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(191, 175, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 175, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 43.4023, 0.3645, 0.3860 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(191, 175, 132) }
```

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

```
.border{ border-color:rgb(191, 175, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 175, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 175, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 175, 132);  
box-shadow:4px 4px 4px 4px rgb(191, 175,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.4023, 0.3645, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 175, 132) }
```

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

```
.background{ background-color: rgb(191,  
175, 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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