

# Converting Colors

Yxy(39.3170, 0.3343, 0.3236)

Have a look what the booklet for  
Yxy(39.3170, 0.3343, 0.3236)  
contains.

<b>Yxy(39.2852, 0.3341, 0.3237)</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(39.2852, 0.3341, 0.3237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCA2A6
RGB	188, 162, 166
RGB Percent	74%, 64%, 65%
CMY	0.2627, 0.3647, 0.3489
CMYK	0.00, 0.14, 0.12, 0.26
HSL	351°, 16%, 69%
HSV	351°, 14%, 74%
XYZ	40.5474, 39.2852, 41.5304
YIQ	170.2300, 14.2120, 6.7560

# Conversions

## Conversions Part 2

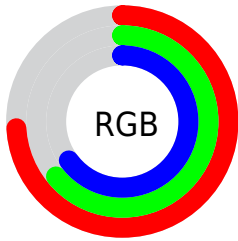
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 162, 166</a>
Decimal	<a href="#">12362406</a>
CIELab	<a href="#">68.96, 10.20, 1.43</a>
CIElCh	<a href="#">69, 10.301, 8.005</a>
Yxy	<a href="#">39.2852, 0.3341, 0.3237</a>
Android (android.graphics.Color)	<a href="#">4290552486</a> ( <a href="#">0xFFBCA2A6</a> )
YUV	<a href="#">170.2300, -2.0854, 15.5843</a>
Hunter-Lab	<a href="#">62.6779, 5.7883, 4.5889</a>

# Details

The Yxy color **39.2852, 0.3341, 0.3237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1172, 0.2948, 0.3344**, and the grayscale version is **40.3267, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0793, 0.3297, 0.3249**, and **17.5177, 0.3417, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **32.6030, 0.3540, 0.3196**, and if you desaturate by 10%, it is **47.0334, 0.3180, 0.3276**.

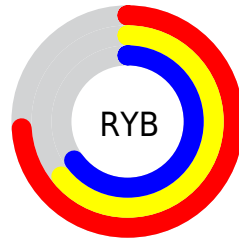
# Distribution



Red (74%)

Green (64%)

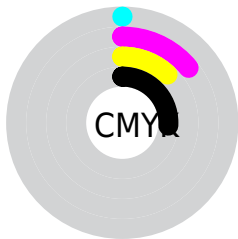
Blue (65%)



Red (74%)

Yellow (64%)

Blue (65%)

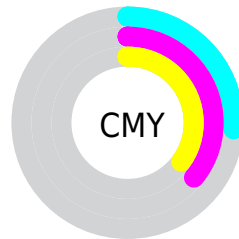


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (26%)



Cyan (26%)

Magenta (36%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2852, 0.3341, 0.3237 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 39.2852, 0.3341, 0.3237 by changing the saturation by 10% instead.





 39.2852, 0.3341,  
0.3237


 39.2852, 0.3341,  
0.3237


343.1015, 0.3231,  
0.3265

 26.9817, 0.3370,  
0.3230


 74.0738, 0.3300,  
0.3247

 17.5595, 0.3407,  
0.3220


 97.3277, 0.3285,  
0.3251

 10.6342, 0.3459,  
0.3206


125.0004, 0.3272,  
0.3254

 5.8214, 0.3533,  
0.3187

157.4765, 0.3262,  
0.3257

 2.7368, 0.3650,  
0.3155

195.1402, 0.3252,  
0.3259

 0.9959, 0.3861,  
0.3095

238.3760, 0.3244,

 0.0000, 1.0000,

0.3262

0.0000

287.5683, 0.3237,  
0.3263

■ 0.0000, 0.0000,  
0.0000

■ 39.2852, 0.3341,  
0.3237

■ 39.2852, 0.3341,  
0.3237

■ 32.6030, 0.3540,  
0.3196

■ 47.0334, 0.3180,  
0.3276

■ 26.9352, 0.3785,  
0.3154

■ 55.8859, 0.3051,  
0.3312

■ 22.2335, 0.4083,  
0.3115

■ 65.8855, 0.2945,  
0.3345

■ 18.4440, 0.4437,  
0.3082

■ 77.0714, 0.2860,  
0.3375

■ 15.5071, 0.4841,  
0.3062

■ 88.8371, 0.2789,  
0.3391

■ 13.3564, 0.5270,  
0.3063

■ 89.4341, 0.2742,  
0.3289

■ 11.9154, 0.5682,  
0.3091

■ 11.0924, 0.6023,  
0.3146

■ 10.7831, 0.6186,  
0.3182

# Harmonies

## Analogous

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



39.2852, 0.3205, 0.3121



39.2852, 0.3341, 0.3237



39.2852, 0.3419, 0.3369

# Triad

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



39.2852, 0.3341, 0.3237



39.2852, 0.3199, 0.3547



39.2852, 0.2845, 0.3090

# Complementary

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



39.2852, 0.3341, 0.3237



47.1172, 0.2948, 0.3344

# 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.



39.2852, 0.2844, 0.3200



39.2852, 0.3341, 0.3237



39.2852, 0.3045, 0.3469

# Square

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



39.2852, 0.3341, 0.3237



39.2852, 0.3336, 0.3551



39.2852, 0.2916, 0.3340



39.2852, 0.2919, 0.3036



# Rectangle

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



39.2852, 0.3341, 0.3237



39.2852, 0.3427, 0.3449



39.2852, 0.2916, 0.3340



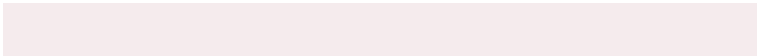
39.2852, 0.2836, 0.3121

# Sweetspot

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



39.2869, 0.3341, 0.3237



84.8843, 0.3184, 0.3275



39.6221, 0.3103, 0.2949



18.0119, 0.3195, 0.3272



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.



39.2869, 0.3341, 0.3237



66.8094, 0.3405, 0.3223



42.3041, 0.3362, 0.3406



9.5598, 0.3265, 0.3255



7.3470, 0.6162, 0.3168



0.2955, 0.5584, 0.2850



# Inverse Universe

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



39.2869, 0.3341, 0.3237



66.8094, 0.3405, 0.3223



43.6918, 0.2916, 0.3171



9.5598, 0.3265, 0.3255



7.3470, 0.6162, 0.3168

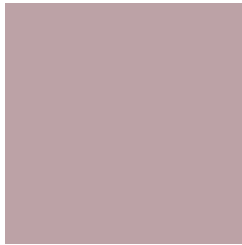


0.2955, 0.5584, 0.2850



# Previews

## White Background



This preview shows how the Yxy color 39.2852, 0.3341, 0.3237 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

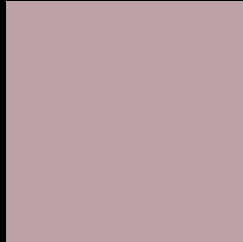
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2852, 0.3341, 0.3237 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

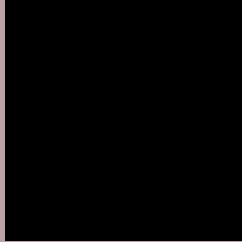
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.2852, 0.3341, 0.3237**

## Background



This preview shows how black text looks on a background with the Yxy color 39.2852, 0.3341, 0.3237.



This preview shows how white text looks on a background with the Yxy color 39.2852, 0.3341, 0.3237.

# 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

39.2852, 0.3341, 0.3237

### Protanopia

39.5278, 0.3146, 0.3276

### Deuteranopia

39.3867, 0.3320, 0.3250



## Tritanopia

39.3257, 0.3287, 0.3132

# Trichromacy



## Original Color

39.2852, 0.3341, 0.3237

## Protanomaly

39.4467, 0.3212, 0.3263

## Deuteranomaly

39.5124, 0.3330, 0.3251

## Tritanomaly

39.2108, 0.3315, 0.3171

# Monochromacy



## Original Color

39.2852, 0.3341, 0.3237

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

39.8491, 0.3203, 0.3263

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2852, 0.3341, 0.3237 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(188, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 166)  
}
```

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(188, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 166) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2852, 0.3341, 0.3237 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(188, 162, 166) }
```

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

```
.border{ border-color:rgb(188, 162, 166) }
```

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

Here you see how a box with a 4 pixel rgb(188, 162, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
166) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 39.2852, 0.3341, 0.3237$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 166) }
```

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

```
.background{ background-color: rgb(188,  
162, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor