

Converting Colors

$Yxy(39.4114, 0.3490, 0.3557)$

Have a look what the booklet for
Yxy(39.4114, 0.3490, 0.3557)
contains.

Yxy(39.2999, 0.3492, 0.3550)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2999, 0.3492, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	B9A592
RGB	185, 165, 146
RGB Percent	73%, 65%, 57%
CMY	0.2744, 0.3530, 0.4274
CMYK	0.00, 0.11, 0.21, 0.27
HSL	29°, 22%, 65%
HSV	29°, 21%, 73%
XYZ	38.6578, 39.2999, 32.7462
YIQ	168.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

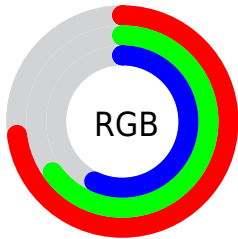
Format	Color
R_{YB}	185, 183, 146
Decimal	12166546
CIE _{Lab}	68.97, 4.21, 12.50
CIE _{LCh}	69, 13.190, 71.366
Yxy	39.2999, 0.3492, 0.3550
Android (android.graphics.Color)	4290356626 (0xFFB9A592)
YUV	168.8140, -11.2473, 14.1951
Hunter-Lab	62.6896, 0.3659, 12.9123

Details

The Yxy color **39.2999, 0.3492, 0.3550** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9083, 0.2799, 0.3015**, and the grayscale version is **39.6323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0573, 0.3418, 0.3502**, and **17.5420, 0.3619, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **35.4698, 0.3703, 0.3681**, and if you desaturate by 10%, it is **43.4815, 0.3306, 0.3423**.

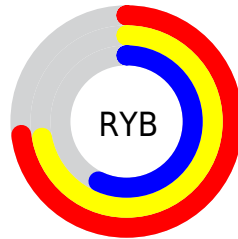
Distribution



Red (73%)

Green (65%)

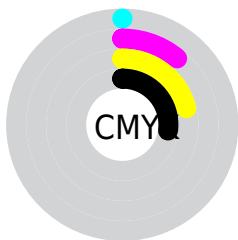
Blue (57%)



Red (73%)

Yellow (72%)

Blue (57%)

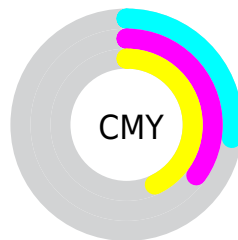


Cyan (0%)

Magenta (11%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2999, 0.3492, 0.3550 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 39.2999, 0.3492, 0.3550 by changing the saturation by 10% instead.


 39.2999, 0.3492,
0.3550


 39.2999, 0.3492,
0.3550


343.1639, 0.3304,
0.3418

 26.9931, 0.3541,
0.3583


 74.0962, 0.3422,
0.3502

 17.5680, 0.3605,
0.3626


 97.3546, 0.3396,
0.3484

 10.6403, 0.3692,
0.3684


125.0322, 0.3375,
0.3469

 5.8255, 0.3817,
0.3765

157.5136, 0.3356,
0.3456

 2.7393, 0.4010,
0.3884

195.1830, 0.3340,
0.3444

 0.9972, 0.4690,
0.4397

238.4249, 0.3327,

 0.0000, 0.0000,

0.3434

0.0000

287.6238, 0.3314,
0.3426

■ 39.2999, 0.3492,
0.3550

■ 39.2999, 0.3492,
0.3550

■ 35.4698, 0.3703,
0.3681

■ 43.4815, 0.3306,
0.3423

■ 31.9760, 0.3938,
0.3810

■ 48.0189, 0.3144,
0.3303

■ 28.8096, 0.4196,
0.3931

■ 52.9228, 0.3002,
0.3190

■ 25.9595, 0.4471,
0.4034

■ 58.2020, 0.2879,
0.3086

■ 23.4136, 0.4750,
0.4106

■ 63.8650, 0.2772,
0.2990

■ 21.1589, 0.5020,
0.4136

■ 69.7882, 0.2689,
0.2924

■ 19.1806, 0.5260,
0.4114

■ 74.9801, 0.2700,
0.3032

■ 17.6309, 0.5447,
0.4057

■ 80.4612, 0.2711,
0.3137

■ 86.2358, 0.2721,
0.3241

Harmonies

Analogous

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



39.2999, 0.3508, 0.3407



39.2999, 0.3492, 0.3550



39.2999, 0.3376, 0.3629

Triad

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



39.2999, 0.3492, 0.3550



39.2999, 0.2843, 0.3332



39.2999, 0.3049, 0.2990

Complementary

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



39.2999, 0.3492, 0.3550



36.9083, 0.2799, 0.3015

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.



39.2999, 0.2877, 0.2964



39.2999, 0.3492, 0.3550



39.2999, 0.2761, 0.3154

Square

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



39.2999, 0.3492, 0.3550



39.2999, 0.3001, 0.3504



39.2999, 0.2774, 0.3021



39.2999, 0.3248, 0.3090

Rectangle

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



39.2999, 0.3492, 0.3550



39.2999, 0.3260, 0.3630



39.2999, 0.2774, 0.3021



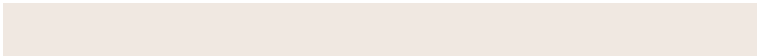
39.2999, 0.2987, 0.2972

Sweetspot

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



39.3017, 0.3492, 0.3550



81.8162, 0.3222, 0.3362



33.6393, 0.3335, 0.3016



17.5255, 0.3233, 0.3370



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.3017, 0.3492, 0.3550



67.3216, 0.3580, 0.3606



46.8353, 0.3442, 0.3800



9.7139, 0.3276, 0.3401



12.1450, 0.5427, 0.4073



0.5521, 0.5028, 0.4389

Inverse Universe

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



36.9083, 0.2799, 0.3015



62.3165, 0.2730, 0.2951



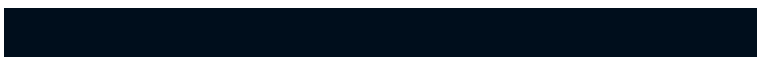
30.3785, 0.2779, 0.2724



9.4617, 0.2985, 0.3176



8.1065, 0.1790, 0.1645



0.4092, 0.1918, 0.2106

Previews

White Background



This preview shows how the Yxy color 39.2999, 0.3492, 0.3550 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 39.2999, 0.3492, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

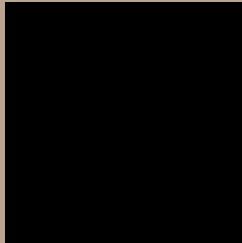
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2999, 0.3492, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 39.2999, 0.3492, 0.3550.



This preview shows how white text looks on a background with the Yxy color 39.2999, 0.3492, 0.3550.

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

39.2999, 0.3492, 0.3550

Protanopia

39.3420, 0.3387, 0.3585

Deuteranopia

39.2847, 0.3570, 0.3491



Tritanopia

39.2371, 0.3269, 0.3119

Trichromacy



Original Color

39.2999, 0.3492, 0.3550

Protanomaly

39.3277, 0.3418, 0.3568

Deuteranomaly

39.2481, 0.3538, 0.3506

Tritanomaly

39.0858, 0.3350, 0.3264

Monochromacy



Original Color

39.2999, 0.3492, 0.3550

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6924, 0.3253, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2999, 0.3492, 0.3550 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(185, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 146)  
}
```

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(185, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.2999, 0.3492, 0.3550 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(185, 165, 146) }
```

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

```
.border{ border-color:rgb(185, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(185, 165,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2999, 0.3492, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 146) }
```

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

```
.background{ background-color: rgb(185,  
165, 146) }
```

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