

Converting Colors

$Yxy(39.1115, 0.3840, 0.4033)$

Have a look what the booklet for
Yxy(39.1115, 0.3840, 0.4033)
contains.

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Color

Yxy(39.1115, 0.3840, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	BCA66F
RGB	188, 166, 111
RGB Percent	74%, 65%, 44%
CMY	0.2629, 0.3490, 0.5647
CMYK	0.00, 0.12, 0.41, 0.26
HSL	43°, 36%, 59%
HSV	43°, 41%, 74%
XYZ	37.2398, 39.1115, 20.6274
YIQ	166.3080, 30.7670, -12.4410

Conversions

Conversions Part 2

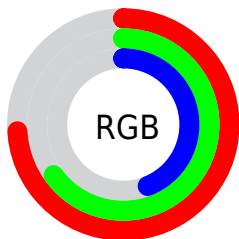
Format	Color
RYB	142, 188, 111
Decimal	12363375
CIELab	68.83, 0.21, 31.40
CIELCh	69, 31.397, 89.608
Yxy	39.1115, 0.3840, 0.4033
Android (android.graphics.Color)	4290553455 (0xFFBCA66F)
YUV	166.3080, -27.2668, 19.0239
Hunter-Lab	62.5392, -3.1533, 24.2217

Details

The Yxy color **39.1115, 0.3840, 0.4033** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.7757, 0.2434, 0.2410**, and the grayscale version is **38.4133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7697, 0.3709, 0.3901**, and **17.3690, 0.4042, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **36.8322, 0.4036, 0.4204**, and if you desaturate by 10%, it is **41.5629, 0.3648, 0.3850**.

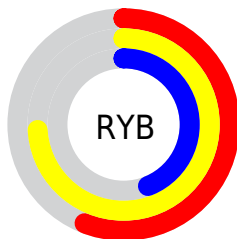
Distribution



Red (74%)

Green (65%)

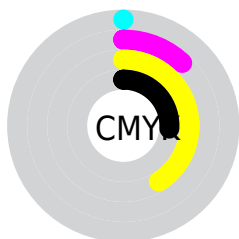
Blue (44%)



Red (56%)

Yellow (74%)

Blue (44%)

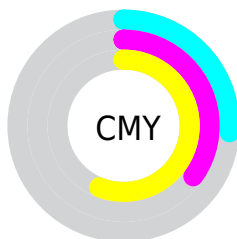


Cyan (0%)

Magenta (12%)

Yellow (41%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1115, 0.3840, 0.4033 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 39.1115, 0.3840, 0.4033 by changing the saturation by 10% instead.


 39.1115, 0.3840,
0.4033


 39.1115, 0.3840,
0.4033


342.3643, 0.3479,
0.3658


 26.8465, 0.3929,
0.4125


 73.8086, 0.3709,
0.3897

 17.4580, 0.4041,
0.4242


 97.0095, 0.3660,
0.3846

 10.5615, 0.4185,
0.4391


 124.6245, 0.3618,
0.3802

 5.7728, 0.4371,
0.4584

 157.0379, 0.3582,
0.3765

 2.7074, 0.4815,
0.5045

194.6342, 0.3551,
0.3733

 0.9810, 0.4888,
0.5112

237.7978, 0.3524,

 0.0000, 0.0000,

0.3704

0.0000

286.9130, 0.3501,
0.3680

■ 39.1115, 0.3840,
0.4033

■ 39.1115, 0.3840,
0.4033

■ 36.8322, 0.4036,
0.4204

■ 41.5629, 0.3648,
0.3850

■ 34.7131, 0.4229,
0.4354

■ 44.1869, 0.3466,
0.3665

■ 32.7488, 0.4411,
0.4471

■ 46.9909, 0.3297,
0.3482

■ 30.9313, 0.4573,
0.4547

■ 49.9803, 0.3141,
0.3306

■ 29.2513, 0.4707,
0.4575

■ 53.1599, 0.3000,
0.3140

■ 27.8329, 0.4807,
0.4565

■ 56.5346, 0.2873,
0.2986

■ 60.1088, 0.2759,
0.2843

■ 63.4688, 0.2693,
0.2776

■ 66.1436, 0.2698,
0.2838

Harmonies

Analogous

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



39.1115, 0.4046, 0.3747



39.1115, 0.3840, 0.4033



39.1115, 0.3448, 0.4131

Triad

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



39.1115, 0.3840, 0.4033



39.1115, 0.2334, 0.3099



39.1115, 0.3217, 0.2731

Complementary

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



39.1115, 0.3840, 0.4033



23.7757, 0.2434, 0.2410

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.



39.1115, 0.2763, 0.2567



39.1115, 0.3840, 0.4033



39.1115, 0.2283, 0.2744

Square

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



39.1115, 0.3840, 0.4033



39.1115, 0.2584, 0.3559



39.1115, 0.2433, 0.2564



39.1115, 0.3676, 0.3021

Rectangle

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



39.1115, 0.3840, 0.4033



39.1115, 0.3141, 0.4048



39.1115, 0.2433, 0.2564



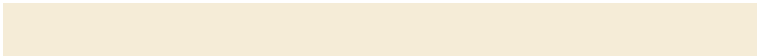
39.1115, 0.3058, 0.2660

Sweetspot

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



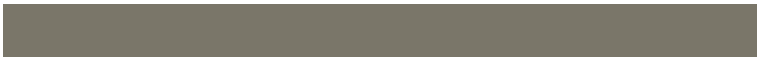
39.1133, 0.3840, 0.4033



84.5370, 0.3317, 0.3504



23.7826, 0.3838, 0.2970



18.0342, 0.3339, 0.3528



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.



39.1133, 0.3840, 0.4033



67.2317, 0.4013, 0.4186



45.9391, 0.3589, 0.4341



10.6479, 0.3271, 0.3453



19.0878, 0.4797, 0.4573



0.8540, 0.4622, 0.4712

Inverse Universe

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



23.7757, 0.2434, 0.2410



35.7498, 0.2271, 0.2177



19.4666, 0.2519, 0.2094



9.6568, 0.2984, 0.3121



4.3570, 0.1606, 0.0983



0.2864, 0.1746, 0.1484

Previews

White Background



This preview shows how the Yxy color 39.1115, 0.3840, 0.4033 looks on a white background.

Color Contrast Check

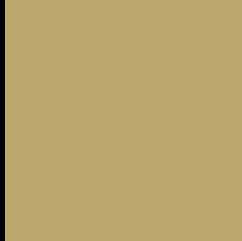
Large Text (above 18pt) WCAG AA × Fail

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 39.1115, 0.3840, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

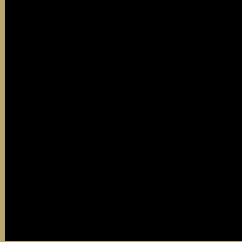
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1115, 0.3840, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 39.1115, 0.3840, 0.4033.



This preview shows how white text looks on a background with the Yxy color 39.1115, 0.3840, 0.4033.

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

39.1115, 0.3840, 0.4033

Protanopia

39.1202, 0.3761, 0.4062

Deuteranopia

39.0771, 0.3991, 0.3923



Tritanopia

39.2059, 0.3357, 0.3134

Trichromacy



Original Color

39.1115, 0.3840, 0.4033

Protanomaly

38.9976, 0.3786, 0.4044

Deuteranomaly

39.1000, 0.3929, 0.3961

Tritanomaly

39.2171, 0.3541, 0.3465

Monochromacy



Original Color

39.1115, 0.3840, 0.4033

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3464, 0.3381, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1115, 0.3840, 0.4033 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, 166, 111)` looks like.

```
.text, #text, p{  
    color:rgb(188, 166, 111)  
}
```

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, 166, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 166, 111) }
```

Border

The CSS property to change the border of an element to Yxy 39.1115, 0.3840, 0.4033 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, 166, 111) }
```

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

```
.border{ border-color:rgb(188, 166, 111) }
```

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

Here you see how a box with a 4 pixel rgb(188, 166, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 166, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 166, 111);  
box-shadow:4px 4px 4px 4px rgb(188, 166,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1115, 0.3840, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 166, 111) }
```

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

```
.background{ background-color: rgb(188,  
166, 111) }
```

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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