

Converting Colors

$Yxy(39.9023, 0.3821, 0.4089)$

Have a look what the booklet for
Yxy(39.9023, 0.3821, 0.4089)
contains.

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Color

Yxy(39.9408, 0.3813, 0.4088)

Conversions

Conversions Part 1

Format	Color
Hex	BAA96E
RGB	186, 169, 110
RGB Percent	73%, 66%, 43%
CMY	0.2706, 0.3372, 0.5685
CMYK	0.00, 0.09, 0.41, 0.27
HSL	47°, 36%, 58%
HSV	47°, 41%, 73%
XYZ	37.2540, 39.9408, 20.5078
YIQ	167.3570, 29.0710, -14.7450

Conversions

Conversions Part 2

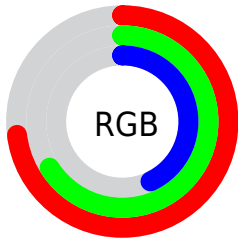
Format	Color
RYB	132, 186, 110
Decimal	12233070
CIELab	69.43, -2.31, 32.65
CIELCh	69, 32.726, 94.039
Yxy	39.9408, 0.3813, 0.4088
Android (android.graphics.Color)	4290423150 (0xFFBAA96E)
YUV	167.3570, -28.2770, 16.3499
Hunter-Lab	63.1987, -5.3768, 24.9997

Details

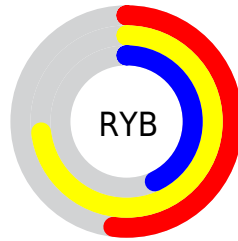
The Yxy color **39.9408, 0.3813, 0.4088** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.0508, 0.2424, 0.2335**, and the grayscale version is **38.9592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9746, 0.3690, 0.3945**, and **17.8848, 0.3997, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **38.0547, 0.3993, 0.4271**, and if you desaturate by 10%, it is **41.9649, 0.3633, 0.3893**.

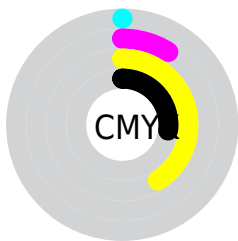
Distribution



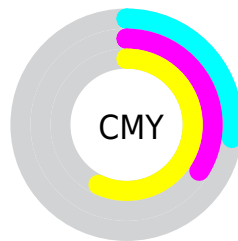
- Red (73%)
- Green (66%)
- Blue (43%)



- Red (52%)
- Yellow (73%)
- Blue (43%)



- Cyan (0%)
- Magenta (9%)
- Yellow (41%)
- Black (27%)





- Cyan (27%)
- Magenta (34%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9408, 0.3813, 0.4088 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 39.9408, 0.3813, 0.4088 by changing the saturation by 10% instead.


 39.9408, 0.3813,
0.4088


 39.9408, 0.3813,
0.4088


345.8740, 0.3469,
0.3684

 27.4924, 0.3896,
0.4188


 75.0734, 0.3689,
0.3941


 17.9434, 0.4001,
0.4314


 98.5263, 0.3642,
0.3886

 10.9093, 0.4133,
0.4476


 126.4162, 0.3602,
0.3839

 6.0059, 0.4300,
0.4688

 159.1275, 0.3568,
0.3799

 2.8487, 0.4708,
0.5184

197.0445, 0.3539,
0.3764

 1.0532, 0.4714,
0.5286

240.5516, 0.3513,

 0.0000, 0.0000,

0.3734

0.0000

290.0333, 0.3490,
0.3707

■ 39.9408, 0.3813,
0.4088

■ 39.9408, 0.3813,
0.4088

■ 38.0547, 0.3993,
0.4271

■ 41.9649, 0.3633,
0.3893

■ 36.2953, 0.4167,
0.4431

■ 44.1270, 0.3458,
0.3693

■ 34.6580, 0.4327,
0.4558

■ 46.4336, 0.3293,
0.3496

■ 33.1356, 0.4464,
0.4645

■ 48.8896, 0.3139,
0.3306

■ 31.7194, 0.4574,
0.4684

■ 51.4993, 0.2999,
0.3126

■ 30.5005, 0.4653,
0.4687

■ 54.2670, 0.2871,
0.2957

■ 57.1964, 0.2755,
0.2802

■ 60.0419, 0.2673,
0.2697

■ 62.0255, 0.2677,
0.2746

Harmonies

Analogous

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



39.9408, 0.4062, 0.3811



39.9408, 0.3813, 0.4088



39.9408, 0.3388, 0.4155

Triad

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



39.9408, 0.3813, 0.4088



39.9408, 0.2287, 0.3027



39.9408, 0.3293, 0.2751

Complementary

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



39.9408, 0.3813, 0.4088



22.0508, 0.2424, 0.2335

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.



39.9408, 0.2814, 0.2559



39.9408, 0.3813, 0.4088



39.9408, 0.2266, 0.2685

Square

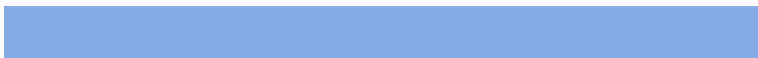
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.9408, 0.3813, 0.4088



39.9408, 0.2515, 0.3496



39.9408, 0.2450, 0.2529



39.9408, 0.3756, 0.3063

Rectangle

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



39.9408, 0.3813, 0.4088



39.9408, 0.3069, 0.4039



39.9408, 0.2450, 0.2529



39.9408, 0.3127, 0.2671

Sweetspot

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



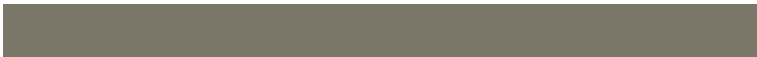
39.9426, 0.3813, 0.4088



83.5787, 0.3315, 0.3522



23.1514, 0.3904, 0.3042



18.2826, 0.3336, 0.3548



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.



39.9426, 0.3813, 0.4088



69.3166, 0.3975, 0.4253



44.3245, 0.3541, 0.4354



10.1532, 0.3269, 0.3466



20.6349, 0.4646, 0.4693



0.8128, 0.4508, 0.4803

Inverse Universe

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



22.0508, 0.2424, 0.2335



32.5254, 0.2253, 0.2080



19.4742, 0.2572, 0.2114



9.0368, 0.2985, 0.3107



3.5760, 0.1571, 0.0857



0.2203, 0.1709, 0.1353

Previews

White Background



This preview shows how the Yxy color 39.9408, 0.3813, 0.4088 looks on a white background.

Color Contrast Check

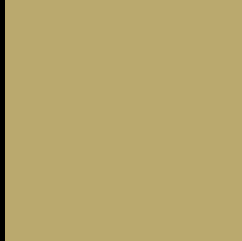
Large Text (above 18pt) WCAG AA × Fail

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 39.9408, 0.3813, 0.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

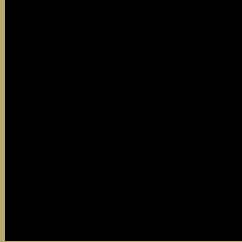
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9408, 0.3813, 0.4088

Background



This preview shows how black text looks on a background with the Yxy color 39.9408, 0.3813, 0.4088.



This preview shows how white text looks on a background with the Yxy color 39.9408, 0.3813, 0.4088.

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

39.9408, 0.3813, 0.4088

Protanopia

40.0656, 0.3788, 0.4107

Deuteranopia

39.8479, 0.4016, 0.3927



Tritanopia

39.8832, 0.3317, 0.3121

Trichromacy



Original Color

39.9408, 0.3813, 0.4088

Protanomaly

40.1895, 0.3798, 0.4104

Deuteranomaly

39.9283, 0.3937, 0.3995

Tritanomaly

39.7324, 0.3497, 0.3465

Monochromacy



Original Color

39.9408, 0.3813, 0.4088

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.0793, 0.3377, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9408, 0.3813, 0.4088 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(186, 169, 110)` looks like.

```
.text, #text, p{  
    color:rgb(186, 169, 110)  
}
```

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(186, 169, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 169, 110) }
```

Border

The CSS property to change the border of an element to Yxy 39.9408, 0.3813, 0.4088 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(186, 169, 110) }
```

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

```
.border{ border-color:rgb(186, 169, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 169, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 169, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 169, 110);  
box-shadow:4px 4px 4px 4px rgb(186, 169,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9408, 0.3813, 0.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 169, 110) }
```

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

```
.background{ background-color: rgb(186,  
169, 110) }
```

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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