

# Converting Colors

$Yxy(39.7027, 0.3816, 0.4137)$

Have a look what the booklet for  
Yxy(39.7027, 0.3816, 0.4137)  
contains.

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# Color

**Yxy(39.6278, 0.3819, 0.4134)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8A96B
RGB	184, 169, 107
RGB Percent	72%, 66%, 42%
CMY	0.2784, 0.3372, 0.5805
CMYK	0.00, 0.08, 0.42, 0.28
HSL	48°, 35%, 57%
HSV	48°, 42%, 72%
XYZ	36.6083, 39.6278, 19.6222
YIQ	166.4170, 28.8420, -16.1020

# Conversions

## Conversions Part 2

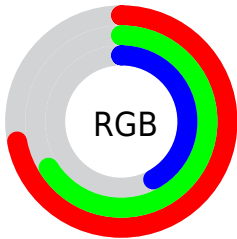
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 184, 107
Decimal	12101995
CIE <sub>Lab</sub>	69.20, -3.47, 33.93
CIE <sub>LCh</sub>	69, 34.111, 95.834
Yxy	39.6278, 0.3819, 0.4134
Android (android.graphics.Color)	4290292075 (0xFFB8A96B)
YUV	166.4170, -29.2926, 15.4203
Hunter-Lab	62.9506, -6.3588, 25.5843

# Details

The Yxy color **39.6278, 0.3819, 0.4134** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.4974, 0.2399, 0.2269**, and the grayscale version is **38.4798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5153, 0.3695, 0.3980**, and **17.6952, 0.4001, 0.4376** is the 20% darker color. If you saturate the color by 10%, you get **37.9679, 0.3992, 0.4320**, and if you desaturate by 10%, it is **41.4103, 0.3644, 0.3934**.

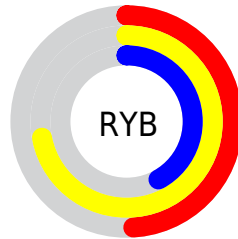
# Distribution



Red (72%)

Green (66%)

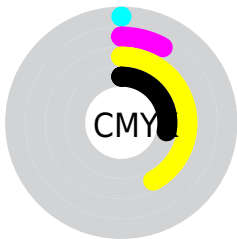
Blue (42%)



Red (49%)

Yellow (72%)

Blue (42%)

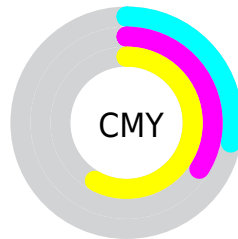


Cyan (0%)

Magenta (8%)

Yellow (42%)

Black (28%)



Cyan (28%)

Magenta (34%)


Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6278, 0.3819, 0.4134 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 39.6278, 0.3819, 0.4134 by changing the saturation by 10% instead.





 39.6278, 0.3819,  
0.4134


 39.6278, 0.3819,  
0.4134

344.5523, 0.3473,  
0.3705


 27.2485, 0.3902,  
0.4240


 74.5964, 0.3695,  
0.3978

 17.7599, 0.4005,  
0.4374


 97.9545, 0.3648,  
0.3919

 10.7778, 0.4135,  
0.4546


 125.7409, 0.3608,  
0.3870

 5.9176, 0.4296,  
0.4770

 158.3401, 0.3573,  
0.3827

 2.7950, 0.4700,  
0.5300

196.1364, 0.3543,  
0.3791

 1.0257, 0.4630,  
0.5370

239.5143, 0.3517,

 0.0000, 0.0000,

0.3758

0.0000

288.8581, 0.3494,  
0.3730

■ 39.6278, 0.3819,  
0.4134

■ 39.6278, 0.3819,  
0.4134

■ 37.9679, 0.3992,  
0.4320

■ 41.4103, 0.3644,  
0.3934

■ 36.4196, 0.4156,  
0.4482

■ 43.3149, 0.3472,  
0.3728

■ 34.9784, 0.4303,  
0.4609

■ 45.3483, 0.3308,  
0.3524

■ 33.6375, 0.4427,  
0.4695

■ 47.5149, 0.3155,  
0.3326

■ 32.3883, 0.4523,  
0.4735

■ 49.8188, 0.3013,  
0.3138

■ 31.4263, 0.4585,  
0.4742

■ 52.2639, 0.2883,  
0.2962

■ 54.8541, 0.2765,  
0.2799

■ 57.5929, 0.2659,  
0.2649

■ 59.2993, 0.2659,  
0.2683

# Harmonies

## Analogous

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



39.6278, 0.4095, 0.3852



39.6278, 0.3819, 0.4134



39.6278, 0.3368, 0.4191

# Triad

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



39.6278, 0.3819, 0.4134



39.6278, 0.2245, 0.2987



39.6278, 0.3330, 0.2745

# Complementary

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



39.6278, 0.3819, 0.4134



20.4974, 0.2399, 0.2269

# 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.



39.6278, 0.2827, 0.2538



39.6278, 0.3819, 0.4134



39.6278, 0.2236, 0.2643

# Square

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



39.6278, 0.3819, 0.4134



39.6278, 0.2469, 0.3474



39.6278, 0.2439, 0.2495



39.6278, 0.3809, 0.3074



# Rectangle

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



39.6278, 0.3819, 0.4134



39.6278, 0.3035, 0.4059



39.6278, 0.2439, 0.2495



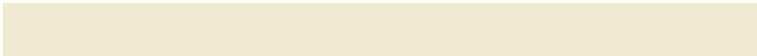
39.6278, 0.3157, 0.2660

# Sweetspot

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



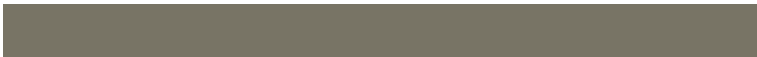
39.6296, 0.3819, 0.4134



81.6904, 0.3330, 0.3551



22.1156, 0.3968, 0.3073



17.4332, 0.3365, 0.3596



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.



39.6296, 0.3819, 0.4134



69.1246, 0.3974, 0.4302



42.9090, 0.3526, 0.4390



10.1982, 0.3268, 0.3473



21.7576, 0.4579, 0.4746



0.8442, 0.4463, 0.4839



# Inverse Universe

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



20.4974, 0.2399, 0.2269



29.9561, 0.2225, 0.2004



18.7236, 0.2581, 0.2090



8.9950, 0.2984, 0.3100



3.3281, 0.1557, 0.0805



0.2026, 0.1686, 0.1267



# Previews

## White Background



This preview shows how the Yxy color 39.6278, 0.3819, 0.4134 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

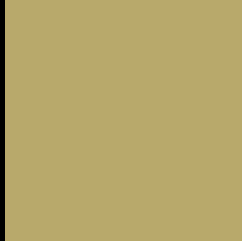
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.6278, 0.3819, 0.4134 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 39.6278, 0.3819, 0.4134**

## **Background**



This preview shows how black text looks on a background with the Yxy color 39.6278, 0.3819, 0.4134.



This preview shows how white text looks on a background with the Yxy color 39.6278, 0.3819, 0.4134.

# 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

39.6278, 0.3819, 0.4134

### Protanopia

39.6278, 0.3819, 0.4134

### Deuteranopia

39.2904, 0.4039, 0.3954



## Tritanopia

39.5832, 0.3307, 0.3133

# Trichromacy



## Original Color

39.6278, 0.3819, 0.4134

## Protanomaly

39.6278, 0.3819, 0.4134

## Deuteranomaly

39.3694, 0.3959, 0.4023

## Tritanomaly

39.4122, 0.3496, 0.3494

# Monochromacy



## Original Color

39.6278, 0.3819, 0.4134

## Achromatopsia

38.1326, 0.3127, 0.3290

## Achromatomaly

38.5660, 0.3378, 0.3602

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.6278, 0.3819, 0.4134 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(184, 169, 107)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 107)  
}
```

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(184, 169, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 107) }
```

## Border

The CSS property to change the border of an element to Yxy 39.6278, 0.3819, 0.4134 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(184, 169, 107) }
```

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

```
.border{ border-color:rgb(184, 169, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 169, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 169, 107); box-shadow:4px 4px 4px 4px rgb(184, 169, 107) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.6278, 0.3819, 0.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 107) }
```

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

```
.background{ background-color: rgb(184,  
169, 107) }
```

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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