

Converting Colors

$Yxy(38.9539, 0.3741, 0.4172)$

Have a look what the booklet for
Yxy(38.9539, 0.3741, 0.4172)
contains.

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Color

Yxy(39.0411, 0.3733, 0.4172)

Conversions

Conversions Part 1

Format	Color
Hex	B0AA6B
RGB	176, 170, 107
RGB Percent	69%, 67%, 42%
CMY	0.3098, 0.3333, 0.5804
CMYK	0.00, 0.03, 0.39, 0.31
HSL	55°, 30%, 55%
HSV	55°, 39%, 69%
XYZ	34.9330, 39.0411, 19.6048
YIQ	164.6120, 23.7990, -18.3210

Conversions

Conversions Part 2

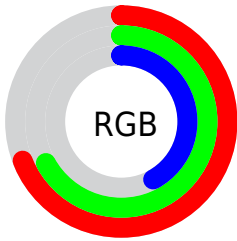
Format	Color
RYB	114, 176, 107
Decimal	11577963
CIELab	68.78, -7.28, 33.24
CIELCh	69, 34.027, 102.357
Yxy	39.0411, 0.3733, 0.4172
Android (android.graphics.Color)	4289768043 (0xFFB0AA6B)
YUV	164.6120, -28.4027, 9.9873
Hunter-Lab	62.4829, -9.5491, 25.1350

Details

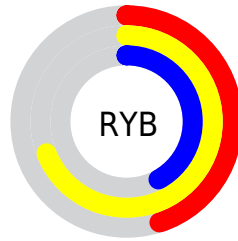
The Yxy color **39.0411, 0.3733, 0.4172** is a light color, and the websafe version is hex **999966**. A complement of this color would be **18.0702, 0.2433, 0.2220**, and the grayscale version is **37.5622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6773, 0.3630, 0.4005**, and **17.3999, 0.3892, 0.4436** is the 20% darker color. If you saturate the color by 10%, you get **38.1393, 0.3883, 0.4380**, and if you desaturate by 10%, it is **40.0285, 0.3576, 0.3949**.

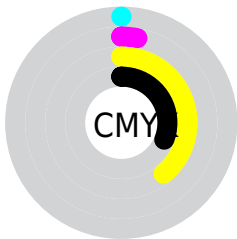
Distribution



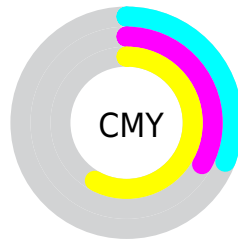
- Red (69%)
- Green (67%)
- Blue (42%)



- Red (45%)
- Yellow (69%)
- Blue (42%)



- Cyan (0%)
- Magenta (3%)
- Yellow (39%)
- Black (31%)





- Cyan (31%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0411, 0.3733, 0.4172 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 39.0411, 0.3733, 0.4172 by changing the saturation by 10% instead.


 39.0411, 0.3733,
0.4172


 39.0411, 0.3733,
0.4172


342.0652, 0.3432,
0.3717


 26.7917, 0.3805,
0.4287


 73.7011, 0.3625,
0.4005

 17.4168, 0.3893,
0.4434


 96.8805, 0.3584,
0.3943

 10.5321, 0.4003,
0.4626


 124.4720, 0.3549,
0.3890

 5.7532, 0.4135,
0.4883

 156.8600, 0.3519,
0.3846

 2.6956, 0.4501,
0.5499

194.4290, 0.3493,
0.3807

 0.9750, 0.4335,
0.5665

237.5632, 0.3470,

 0.0000, 0.0000,

0.3773

0.0000

286.6472, 0.3450,
0.3744

■ 39.0411, 0.3733,
0.4172

■ 39.0411, 0.3733,
0.4172

■ 38.1393, 0.3883,
0.4380

■ 40.0285, 0.3576,
0.3949

■ 37.3132, 0.4021,
0.4564

■ 41.1004, 0.3418,
0.3720

■ 36.5594, 0.4140,
0.4715

■ 42.2626, 0.3263,
0.3493

■ 35.8722, 0.4236,
0.4825


■ 43.5186, 0.3116,
0.3273


■ 35.2445, 0.4304,
0.4893

■ 44.8720, 0.2977,
0.3064

 34.6636, 0.4350,
0.4923

 46.3261, 0.2849,
0.2868

 34.6180, 0.4353,
0.4925

 47.8838, 0.2731,
0.2686

 49.5483, 0.2624,
0.2520

 50.6341, 0.2584,
0.2467

Harmonies

Analogous

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



39.0411, 0.4058, 0.3927



39.0411, 0.3733, 0.4172



39.0411, 0.3260, 0.4166

Triad

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



39.0411, 0.3733, 0.4172



39.0411, 0.2222, 0.2896



39.0411, 0.3443, 0.2807

Complementary

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



39.0411, 0.3733, 0.4172



18.0702, 0.2433, 0.2220

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.



39.0411, 0.2930, 0.2568



39.0411, 0.3733, 0.4172



39.0411, 0.2261, 0.2592

Square

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



39.0411, 0.3733, 0.4172



39.0411, 0.2401, 0.3363



39.0411, 0.2507, 0.2486



39.0411, 0.3895, 0.3156

Rectangle

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



39.0411, 0.3733, 0.4172



39.0411, 0.2928, 0.3989



39.0411, 0.2507, 0.2486



39.0411, 0.3270, 0.2712

Sweetspot

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



39.0429, 0.3733, 0.4172



75.9997, 0.3309, 0.3561



20.9587, 0.3986, 0.3190



16.4122, 0.3329, 0.3590



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.0429, 0.3733, 0.4172



69.3905, 0.3863, 0.4353



38.4453, 0.3437, 0.4337



9.7779, 0.3265, 0.3496



25.4431, 0.4352, 0.4927



0.8372, 0.4303, 0.4966

Inverse Universe

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



18.0702, 0.2433, 0.2220



26.0304, 0.2257, 0.1939



18.7685, 0.2700, 0.2201



8.3449, 0.2985, 0.3075



2.5953, 0.1519, 0.0669



0.1205, 0.1594, 0.0937

Previews

White Background



This preview shows how the Yxy color 39.0411, 0.3733, 0.4172 looks on a white background.

Color Contrast Check

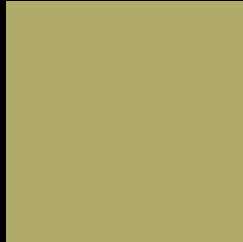
Large Text (above 18pt) WCAG AA × Fail

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 39.0411, 0.3733, 0.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

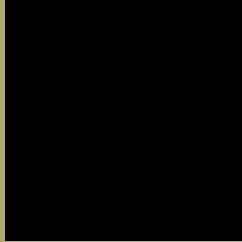
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0411, 0.3733, 0.4172

Background



This preview shows how black text looks on a background with the Yxy color 39.0411, 0.3733, 0.4172.



This preview shows how white text looks on a background with the Yxy color 39.0411, 0.3733, 0.4172.

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

39.0411, 0.3733, 0.4172

Protanopia

39.1132, 0.3822, 0.4138

Deuteranopia

38.8023, 0.4035, 0.3945



Tritanopia

39.0870, 0.3229, 0.3130

Trichromacy



Original Color

39.0411, 0.3733, 0.4172

Protanomaly

39.1198, 0.3787, 0.4160

Deuteranomaly

38.9711, 0.3929, 0.4032

Tritanomaly

38.9360, 0.3415, 0.3498

Monochromacy



Original Color

39.0411, 0.3733, 0.4172

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.0861, 0.3348, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0411, 0.3733, 0.4172 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(176, 170, 107)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 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(176, 170, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 107) }
```

Border

The CSS property to change the border of an element to Yxy 39.0411, 0.3733, 0.4172 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(176, 170, 107) }
```

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

```
.border{ border-color:rgb(176, 170, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 170, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 170, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 170, 107);  
box-shadow:4px 4px 4px 4px rgb(176, 170,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0411, 0.3733, 0.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 107) }
```

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

```
.background{ background-color: rgb(176,  
170, 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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