

Converting Colors

Yxy(39.4569, 0.3857, 0.4271)

Have a look what the booklet for
Yxy(39.4569, 0.3857, 0.4271)
contains.

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Color

Yxy(39.4550, 0.3857, 0.4271)

Conversions

Conversions Part 1

Format	Color
Hex	B5AA62
RGB	181, 170, 98
RGB Percent	71%, 67%, 38%
CMY	0.2903, 0.3333, 0.6157
CMYK	0.00, 0.06, 0.46, 0.29
HSL	52°, 36%, 55%
HSV	52°, 46%, 71%
XYZ	35.6305, 39.4550, 17.2933
YIQ	165.0810, 29.6680, -20.0600

Conversions

Conversions Part 2

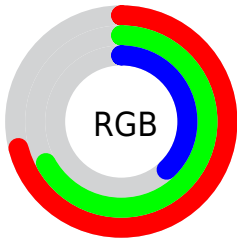
Format	Color
RYB	111, 181, 98
Decimal	11905634
CIELab	69.08, -6.20, 38.38
CIElCh	69, 38.876, 99.178
Yxy	39.4550, 0.3857, 0.4271
Android (android.graphics.Color)	4290095714 (0xFFB5AA62)
YUV	165.0810, -33.0709, 13.9610
Hunter-Lab	62.8132, -8.6698, 27.6459

Details

The Yxy color **39.4550, 0.3857, 0.4271** is a light color, and the websafe version is hex **999966**. A complement of this color would be **16.8610, 0.2307, 0.2065**, and the grayscale version is **37.8182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2296, 0.3729, 0.4089**, and **17.6142, 0.4037, 0.4548** is the 20% darker color. If you saturate the color by 10%, you get **38.2646, 0.4011, 0.4458**, and if you desaturate by 10%, it is **40.7426, 0.3695, 0.4064**.

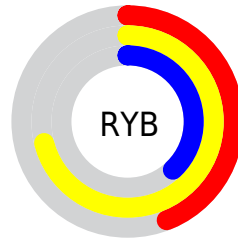
Distribution



Red (71%)

Green (67%)

Blue (38%)



Red (44%)

Yellow (71%)

Blue (38%)

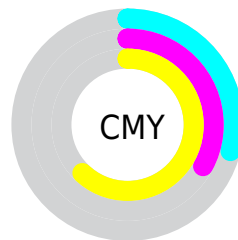


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4550, 0.3857, 0.4271 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 39.4550, 0.3857, 0.4271 by changing the saturation by 10% instead.


 39.4550, 0.3857,
0.4271


 39.4550, 0.3857,
0.4271


343.8211, 0.3497,
0.3772

 27.1139, 0.3941,
0.4394


 74.3329, 0.3730,
0.4090

 17.6588, 0.4042,
0.4548


 97.6384, 0.3681,
0.4022

 10.7053, 0.4164,
0.4743


 125.3676, 0.3639,
0.3964

 5.8690, 0.4307,
0.4994

 157.9047, 0.3603,
0.3914

 2.7656, 0.4560,
0.5440

195.6343, 0.3571,
0.3871

 1.0106, 0.4431,
0.5569

238.9406, 0.3544,

 0.0000, 0.0000,

0.3834

0.0000

288.2080, 0.3519,
0.3801

■ 39.4550, 0.3857,
0.4271

■ 39.4550, 0.3857,
0.4271

■ 38.2646, 0.4011,
0.4458

■ 40.7426, 0.3695,
0.4064

■ 37.1606, 0.4150,
0.4615

■ 42.1269, 0.3530,
0.3847

■ 36.1387, 0.4267,
0.4735

■ 43.6141, 0.3369,
0.3628

■ 35.1922, 0.4359,
0.4812

■ 45.2084, 0.3214,
0.3412

■ 34.3120, 0.4423,
0.4844

■ 46.9137, 0.3068,
0.3205

■ 33.9579, 0.4446,
0.4852

■ 48.7337, 0.2933,
0.3010

■ 50.6718, 0.2809,
0.2829

■ 52.7315, 0.2696,
0.2661

■ 54.5314, 0.2627,
0.2565

Harmonies

Analogous

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



39.4550, 0.4205, 0.3959



39.4550, 0.3857, 0.4271



39.4550, 0.3330, 0.4314

Triad

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



39.4550, 0.3857, 0.4271



39.4550, 0.2119, 0.2884



39.4550, 0.3421, 0.2711

Complementary

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



39.4550, 0.3857, 0.4271



16.8610, 0.2307, 0.2065

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.



39.4550, 0.2842, 0.2462



39.4550, 0.3857, 0.4271



39.4550, 0.2138, 0.2524

Square

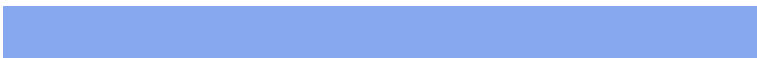
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.4550, 0.3857, 0.4271



39.4550, 0.2340, 0.3430



39.4550, 0.2388, 0.2389



39.4550, 0.3957, 0.3089

Rectangle

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



39.4550, 0.3857, 0.4271



39.4550, 0.2954, 0.4138



39.4550, 0.2388, 0.2389



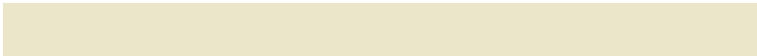
39.4550, 0.3223, 0.2611

Sweetspot

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



39.4568, 0.3857, 0.4271



78.5865, 0.3343, 0.3592



19.6619, 0.4173, 0.3134



16.8580, 0.3377, 0.3639



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.4568, 0.3857, 0.4271



68.5399, 0.4012, 0.4459



40.4545, 0.3506, 0.4517



9.7114, 0.3266, 0.3486



23.4906, 0.4442, 0.4855



0.7920, 0.4364, 0.4917

Inverse Universe

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



16.8610, 0.2307, 0.2065



23.0827, 0.2107, 0.1746



16.6933, 0.2576, 0.1984



8.4051, 0.2985, 0.3086



2.8076, 0.1533, 0.0717



0.1455, 0.1638, 0.1096

Previews

White Background



This preview shows how the Yxy color 39.4550, 0.3857, 0.4271 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 39.4550, 0.3857, 0.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

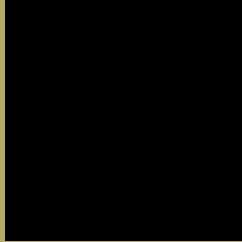
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4550, 0.3857, 0.4271

Background



This preview shows how black text looks on a background with the Yxy color 39.4550, 0.3857, 0.4271.



This preview shows how white text looks on a background with the Yxy color 39.4550, 0.3857, 0.4271.

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

39.4550, 0.3857, 0.4271

Protanopia

39.5721, 0.3904, 0.4244

Deuteranopia

39.3890, 0.4140, 0.4054



Tritanopia

39.3645, 0.3278, 0.3119

Trichromacy



Original Color

39.4550, 0.3857, 0.4271

Protanomaly

39.4481, 0.3894, 0.4248

Deuteranomaly

39.1875, 0.4038, 0.4132

Tritanomaly

39.0653, 0.3504, 0.3536

Monochromacy



Original Color

39.4550, 0.3857, 0.4271

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2184, 0.3394, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4550, 0.3857, 0.4271 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(181, 170, 98)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 98)  
}
```

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(181, 170, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 98) }
```

Border

The CSS property to change the border of an element to Yxy 39.4550, 0.3857, 0.4271 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(181, 170, 98) }
```

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

```
.border{ border-color:rgb(181, 170, 98) }
```

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

Here you see how a box with a 4 pixel rgb(181, 170, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 98);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4550, 0.3857, 0.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 98) }
```

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

```
.background{ background-color: rgb(181,  
170, 98) }
```

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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