

Converting Colors

$Yxy(39.7727, 0.3478, 0.4379)$

Have a look what the booklet for
Yxy(39.7727, 0.3478, 0.4379)
contains.

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Color

Yxy(39.9355, 0.3476, 0.4390)

Conversions

Conversions Part 1

Format	Color
Hex	98B369
RGB	152, 179, 105
RGB Percent	60%, 70%, 41%
CMY	0.4039, 0.2980, 0.5881
CMYK	0.15, 0.00, 0.41, 0.30
HSL	82°, 33%, 56%
HSV	82°, 41%, 70%
XYZ	31.6209, 39.9355, 19.4128
YIQ	162.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

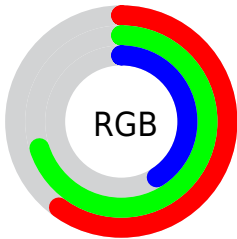
Format	Color
RYB	105, 179, 132
Decimal	10007401
CIELab	69.42, -21.75, 34.72
CIELCh	69, 40.966, 122.066
Yxy	39.9355, 0.3476, 0.4390
Android (android.graphics.Color)	4288197481 (0xFF98B369)
YUV	162.4910, -28.3431, -9.2006
Hunter-Lab	63.1945, -21.2737, 26.0228

Details

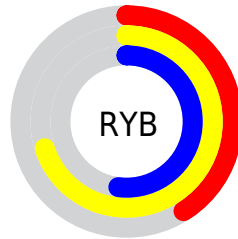
The Yxy color **39.9355, 0.3476, 0.4390** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2703, 0.2642, 0.2125**, and the grayscale version is **36.5092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1164, 0.3422, 0.4178**, and **17.9166, 0.3549, 0.4735** is the 20% darker color. If you saturate the color by 10%, you get **38.9939, 0.3541, 0.4664**, and if you desaturate by 10%, it is **40.9928, 0.3399, 0.4110**.

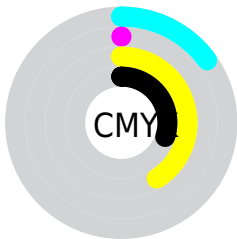
Distribution



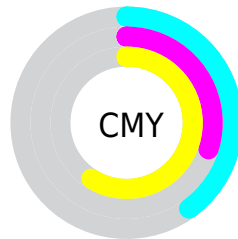
- Red (60%)
- Green (70%)
- Blue (41%)



- Red (41%)
- Yellow (70%)
- Blue (52%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (30%)





- Cyan (40%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9355, 0.3476, 0.4390 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 39.9355, 0.3476, 0.4390 by changing the saturation by 10% instead.


 39.9355, 0.3476,
0.4390


 39.9355, 0.3476,
0.4390


345.8516, 0.3316,
0.3808

 27.4883, 0.3508,
0.4543


 75.0653, 0.3423,
0.4172


 17.9403, 0.3544,
0.4743


 98.5166, 0.3401,
0.4092

 10.9071, 0.3578,
0.5013


 126.4048, 0.3382,
0.4025

 6.0044, 0.3598,
0.5389

 159.1141, 0.3366,
0.3968

 2.8478, 0.3748,
0.6252

197.0291, 0.3351,
0.3920

 1.0528, 0.3044,
0.6956

240.5341, 0.3338,

 0.0000, 0.0000,

0.3878

0.0000

290.0135, 0.3326,
0.3841

■ 39.9355, 0.3476,
0.4390

■ 39.9355, 0.3476,
0.4390

■ 38.9939, 0.3541,
0.4664

■ 40.9928, 0.3399,
0.4110

■ 38.1573, 0.3589,
0.4920

■ 42.1655, 0.3315,
0.3835

■ 37.4214, 0.3617,
0.5145


■ 43.4601, 0.3227,
0.3570


■ 36.7795, 0.3620,
0.5329

■ 44.8810, 0.3139,
0.3322

■ 36.2234, 0.3600,
0.5464


■ 46.4322, 0.3053,
0.3092

 35.7969, 0.3568,
0.5549

 48.1177, 0.2970,
0.2882

 49.9412, 0.2893,
0.2692

 51.9063, 0.2820,
0.2521

 53.2789, 0.2824,
0.2467

Harmonies

Analogous

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



39.9355, 0.3998, 0.4257



39.9355, 0.3476, 0.4390



39.9355, 0.2888, 0.4144

Triad

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



39.9355, 0.3476, 0.4390



39.9355, 0.2068, 0.2555



39.9355, 0.3881, 0.2976

Complementary

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



39.9355, 0.3476, 0.4390



18.2703, 0.2642, 0.2125

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.



39.9355, 0.3286, 0.2610



39.9355, 0.3476, 0.4390



39.9355, 0.2272, 0.2362

Square

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



39.9355, 0.3476, 0.4390



39.9355, 0.2107, 0.2983



39.9355, 0.2699, 0.2390



39.9355, 0.4266, 0.3425

Rectangle

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



39.9355, 0.3476, 0.4390



39.9355, 0.2539, 0.3791



39.9355, 0.2699, 0.2390



39.9355, 0.3695, 0.2841

Sweetspot

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



39.9373, 0.3476, 0.4390



77.6229, 0.3234, 0.3593



26.8147, 0.4003, 0.3670



17.1293, 0.3246, 0.3626



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.



39.9373, 0.3476, 0.4390



69.9132, 0.3538, 0.4651



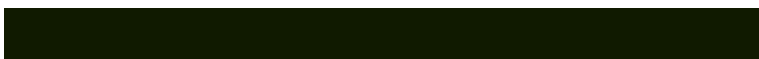
36.9825, 0.3157, 0.4509



9.7486, 0.3209, 0.3519



25.3333, 0.3575, 0.5543



0.8287, 0.3752, 0.5403

Inverse Universe

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



18.2703, 0.2642, 0.2125



25.6314, 0.2498, 0.1829



21.6776, 0.3045, 0.2251



8.3761, 0.3040, 0.3059



3.1357, 0.1804, 0.0767



0.1324, 0.2143, 0.0954

Previews

White Background



This preview shows how the Yxy color 39.9355, 0.3476, 0.4390 looks on a white background.

Color Contrast Check

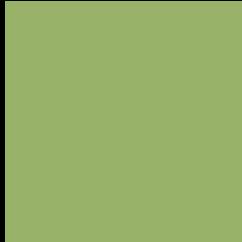
Large Text (above 18pt) WCAG AA × Fail

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 39.9355, 0.3476, 0.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

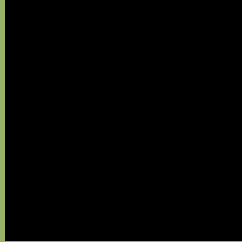
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9355, 0.3476, 0.4390

Background



This preview shows how black text looks on a background with the Yxy color 39.9355, 0.3476, 0.4390.



This preview shows how white text looks on a background with the Yxy color 39.9355, 0.3476, 0.4390.

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

39.9355, 0.3476, 0.4390

Protanopia

39.6298, 0.3879, 0.4207

Deuteranopia

39.7822, 0.4043, 0.3963



Tritanopia

39.9549, 0.2959, 0.3110

Trichromacy



Original Color

39.9355, 0.3476, 0.4390

Protanomaly

39.7307, 0.3729, 0.4285

Deuteranomaly

39.4023, 0.3826, 0.4105

Tritanomaly

39.6246, 0.3151, 0.3551

Monochromacy



Original Color

39.9355, 0.3476, 0.4390

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.1975, 0.3266, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9355, 0.3476, 0.4390 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(152, 179, 105)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 105)  
}
```

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(152, 179, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 105) }
```

Border

The CSS property to change the border of an element to Yxy 39.9355, 0.3476, 0.4390 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(152, 179, 105) }
```

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

```
.border{ border-color:rgb(152, 179, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 105);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9355, 0.3476, 0.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 105) }
```

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

```
.background{ background-color: rgb(152,  
179, 105) }
```

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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