

Converting Colors

Yxy(39.4986, 0.3379, 0.4119)

Have a look what the booklet for
Yxy(39.4986, 0.3379, 0.4119)
contains.

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Color

Yxy(39.6948, 0.3377, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	9AB179
RGB	154, 177, 121
RGB Percent	60%, 69%, 47%
CMY	0.3962, 0.3058, 0.5255
CMYK	0.13, 0.00, 0.32, 0.31
HSL	85°, 26%, 58%
HSV	85°, 32%, 69%
XYZ	32.4968, 39.6948, 24.0382
YIQ	163.7390, 4.2680, -22.2920

Conversions

Conversions Part 2

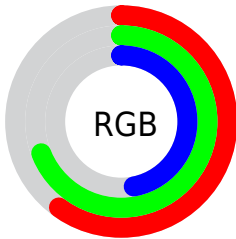
Format	Color
R_{YB}	121, 177, 144
Decimal	10137977
CIE _{Lab}	69.25, -17.84, 26.11
CIE _{LCh}	69, 31.620, 124.341
Yxy	39.6948, 0.3377, 0.4125
Android (android.graphics.Color)	4288328057 (0xFF9AB179)
YUV	163.7390, -21.0703, -8.5411
Hunter-Lab	63.0038, -18.1879, 21.4814

Details

The Yxy color **39.6948, 0.3377, 0.4125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.7820, 0.2806, 0.2432**, and the grayscale version is **37.0935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8891, 0.3335, 0.3960**, and **17.7080, 0.3431, 0.4385** is the 20% darker color. If you saturate the color by 10%, you get **38.6088, 0.3446, 0.4410**, and if you desaturate by 10%, it is **40.9073, 0.3301, 0.3845**.

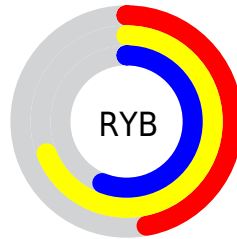
Distribution



Red (60%)

Green (69%)

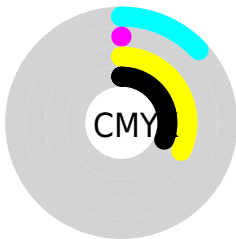
Blue (47%)



Red (47%)

Yellow (69%)

Blue (56%)

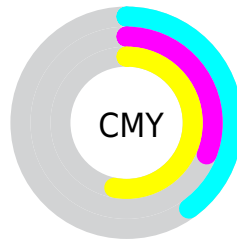


Cyan (13%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (40%)


Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6948, 0.3377, 0.4125 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 39.6948, 0.3377, 0.4125 by changing the saturation by 10% instead.


 39.6948, 0.3377,
0.4125


 39.6948, 0.3377,
0.4125


344.8355, 0.3259,
0.3683


 27.3007, 0.3403,
0.4243


 74.6985, 0.3336,
0.3959

 17.7992, 0.3434,
0.4398


 98.0769, 0.3320,
0.3898

 10.8059, 0.3469,
0.4610


 125.8855, 0.3306,
0.3848

 5.9365, 0.3505,
0.4918

158.5088, 0.3294,
0.3805

 2.8065, 0.3571,
0.5465

196.3310, 0.3284,
0.3768

 1.0316, 0.3428,
0.6572

239.7366, 0.3274,

 0.0000, 0.0000,

0.3736

0.0000

289.1099, 0.3266,
0.3708

■ 39.6948, 0.3377,
0.4125

■ 39.6948, 0.3377,
0.4125

■ 38.6088, 0.3446,
0.4410

■ 40.9073, 0.3301,
0.3845

■ 37.6389, 0.3502,
0.4690

■ 42.2458, 0.3221,
0.3579

■ 36.7813, 0.3542,
0.4954


■ 43.7166, 0.3140,
0.3329


■ 36.0299, 0.3562,
0.5187


■ 45.3239, 0.3061,
0.3099

■ 35.3777, 0.3558,
0.5378


■ 47.0717, 0.2985,
0.2890


 34.8168, 0.3531,
0.5519

 48.9638, 0.2914,
0.2701

 34.4045, 0.3496,
0.5606

 51.0040, 0.2846,
0.2531

 52.6959, 0.2833,
0.2448

 53.8035, 0.2888,
0.2461

Harmonies

Analogous

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



39.6948, 0.3789, 0.4066



39.6948, 0.3377, 0.4125



39.6948, 0.2916, 0.3909

Triad

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



39.6948, 0.3377, 0.4125



39.6948, 0.2292, 0.2702



39.6948, 0.3740, 0.3074

Complementary

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



39.6948, 0.3377, 0.4125



22.7820, 0.2806, 0.2432

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.



39.6948, 0.3293, 0.2769



39.6948, 0.3377, 0.4125



39.6948, 0.2473, 0.2551

Square

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



39.6948, 0.3377, 0.4125



39.6948, 0.2311, 0.3033



39.6948, 0.2828, 0.2581



39.6948, 0.4018, 0.3441

Rectangle

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



39.6948, 0.3377, 0.4125



39.6948, 0.2645, 0.3640



39.6948, 0.2828, 0.2581



39.6948, 0.3603, 0.2962

Sweetspot

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



39.6965, 0.3377, 0.4125



76.2847, 0.3201, 0.3515



30.4954, 0.3734, 0.3618



16.4532, 0.3212, 0.3551



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.



39.6965, 0.3377, 0.4125



69.6992, 0.3426, 0.4325



37.3101, 0.3131, 0.4192



9.7290, 0.3202, 0.3519



24.9605, 0.3504, 0.5600



0.8185, 0.3697, 0.5446

Inverse Universe

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



22.7820, 0.2806, 0.2432



34.6003, 0.2715, 0.2220



25.5537, 0.3101, 0.2503



8.3951, 0.3047, 0.3059



3.3538, 0.1877, 0.0808



0.1401, 0.2213, 0.0993

Previews

White Background



This preview shows how the Yxy color 39.6948, 0.3377, 0.4125 looks on a white background.

Color Contrast Check

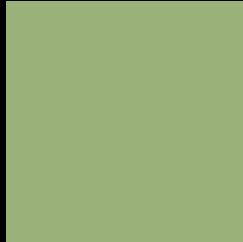
Large Text (above 18pt) WCAG AA × Fail

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 39.6948, 0.3377, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

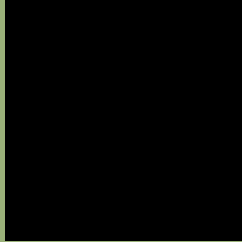
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6948, 0.3377, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 39.6948, 0.3377, 0.4125.



This preview shows how white text looks on a background with the Yxy color 39.6948, 0.3377, 0.4125.

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

39.6948, 0.3377, 0.4125

Protanopia

39.6054, 0.3712, 0.4007

Deuteranopia

39.4380, 0.3853, 0.3788



Tritanopia

39.5814, 0.2959, 0.3096

Trichromacy



Original Color

39.6948, 0.3377, 0.4125

Protanomaly

39.5837, 0.3591, 0.4058

Deuteranomaly

39.1348, 0.3677, 0.3898

Tritanomaly

39.5167, 0.3119, 0.3463

Monochromacy



Original Color

39.6948, 0.3377, 0.4125

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.9876, 0.3223, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6948, 0.3377, 0.4125 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(154, 177, 121)` looks like.

```
.text, #text, p{  
    color:rgb(154, 177, 121)  
}
```

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(154, 177, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 177, 121) }
```

Border

The CSS property to change the border of an element to Yxy 39.6948, 0.3377, 0.4125 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(154, 177, 121) }
```

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

```
.border{ border-color:rgb(154, 177, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 177, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 177, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 177, 121);  
box-shadow:4px 4px 4px 4px rgb(154, 177,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6948, 0.3377, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 177, 121) }
```

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

```
.background{ background-color: rgb(154,  
177, 121) }
```

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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