

Converting Colors

$Yxy(39.5524, 0.3401, 0.3885)$

Have a look what the booklet for
Yxy(39.5524, 0.3401, 0.3885)
contains.

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Color

Yxy(39.5524, 0.3401, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	A5AD84
RGB	165, 173, 132
RGB Percent	65%, 68%, 52%
CMY	0.3529, 0.3216, 0.4824
CMYK	0.05, 0.00, 0.24, 0.32
HSL	72°, 20%, 60%
HSV	72°, 24%, 68%
XYZ	34.6249, 39.5524, 27.6307
YIQ	165.9340, 8.3930, -14.4470

Conversions

Conversions Part 2

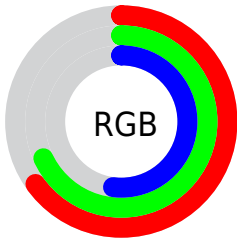
Format	Color
RYB	132, 173, 140
Decimal	10857860
CIELab	69.15, -9.93, 20.19
CIElCh	69, 22.497, 116.183
Yxy	39.5524, 0.3401, 0.3885
Android (android.graphics.Color)	4289047940 (0xFFA5AD84)
YUV	165.9340, -16.7295, -0.8191
Hunter-Lab	62.8907, -11.7844, 17.9748

Details

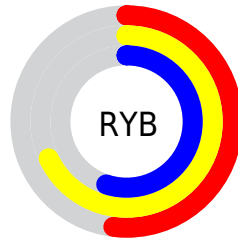
The Yxy color **39.5524, 0.3401, 0.3885** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0873, 0.2810, 0.2650**, and the grayscale version is **38.1793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2052, 0.3352, 0.3767**, and **17.7947, 0.3481, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **38.7622, 0.3514, 0.4147**, and if you desaturate by 10%, it is **40.4342, 0.3285, 0.3627**.

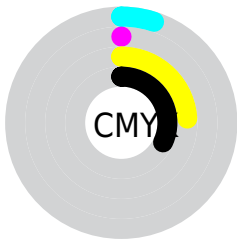
Distribution



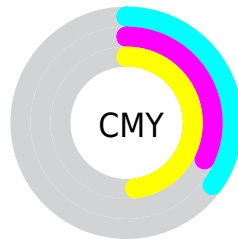
- Red (65%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)




- Cyan (35%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5524, 0.3401, 0.3885 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 39.5524, 0.3401, 0.3885 by changing the saturation by 10% instead.


 39.5524, 0.3401,
0.3885


 39.5524, 0.3401,
0.3885


344.2334, 0.3264,
0.3574

 27.1897, 0.3434,
0.3967


 74.4814, 0.3352,
0.3769

 17.7158, 0.3477,
0.4075


 97.8166, 0.3333,
0.3726

 10.7461, 0.3531,
0.4222


 125.5780, 0.3317,
0.3690

 5.8964, 0.3603,
0.4435

158.1502, 0.3304,
0.3660

 2.7822, 0.3697,
0.4766

195.9174, 0.3292,
0.3634

 1.0191, 0.4141,
0.5859

239.2640, 0.3282,

 0.0000, 0.0000,

0.3611

0.0000

288.5746, 0.3273,
0.3591

■ 39.5524, 0.3401,
0.3885

■ 39.5524, 0.3401,
0.3885

■ 38.7622, 0.3514,
0.4147

■ 40.4342, 0.3285,
0.3627

■ 38.0544, 0.3618,
0.4403

■ 41.4060, 0.3169,
0.3379

■ 37.4265, 0.3710,
0.4645


■ 42.4730, 0.3057,
0.3145

■ 36.8737, 0.3783,
0.4862


■ 43.6385, 0.2950,
0.2927

■ 36.3909, 0.3834,
0.5044


■ 44.9055, 0.2849,
0.2727


 35.9721, 0.3860,
0.5183

 46.2771, 0.2756,
0.2544

 35.6100, 0.3861,
0.5277

 47.7560, 0.2669,
0.2379

 35.4013, 0.3854,
0.5322

 48.3143, 0.2682,
0.2367

 48.7597, 0.2706,
0.2373

Harmonies

Analogous

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



39.5524, 0.3667, 0.3811



39.5524, 0.3401, 0.3885



39.5524, 0.3071, 0.3779

Triad

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



39.5524, 0.3401, 0.3885



39.5524, 0.2507, 0.2927



39.5524, 0.3486, 0.3069

Complementary

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



39.5524, 0.3401, 0.3885



25.0873, 0.2810, 0.2650

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.



39.5524, 0.3156, 0.2861



39.5524, 0.3401, 0.3885



39.5524, 0.2603, 0.2772

Square

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



39.5524, 0.3401, 0.3885



39.5524, 0.2565, 0.3198



39.5524, 0.2835, 0.2753



39.5524, 0.3722, 0.3335

Rectangle

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



39.5524, 0.3401, 0.3885



39.5524, 0.2860, 0.3618



39.5524, 0.2835, 0.2753



39.5524, 0.3381, 0.2991

Sweetspot

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



39.5541, 0.3401, 0.3885



73.5399, 0.3209, 0.3462



29.1603, 0.3583, 0.3403



15.9602, 0.3215, 0.3476



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.5541, 0.3401, 0.3885



70.1391, 0.3455, 0.4010



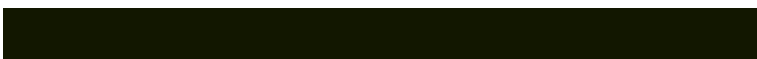
37.5712, 0.3213, 0.3922



9.2501, 0.3234, 0.3516



26.0299, 0.3858, 0.5319



0.7440, 0.3966, 0.5233

Inverse Universe

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



25.0873, 0.2810, 0.2650



40.0702, 0.2734, 0.2503



26.9887, 0.3016, 0.2687



7.8296, 0.3015, 0.3058



2.4827, 0.1605, 0.0658



0.0905, 0.1885, 0.0812

Previews

White Background



This preview shows how the Yxy color 39.5524, 0.3401, 0.3885 looks on a white background.

Color Contrast Check

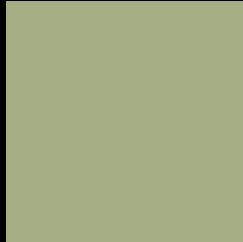
Large Text (above 18pt) WCAG AA × Fail

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 39.5524, 0.3401, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

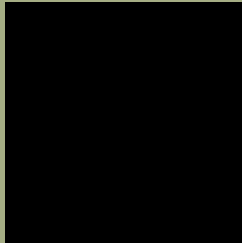
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

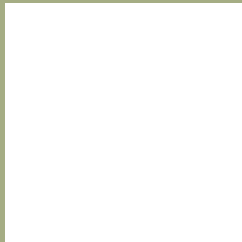
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5524, 0.3401, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 39.5524, 0.3401, 0.3885.



This preview shows how white text looks on a background with the Yxy color 39.5524, 0.3401, 0.3885.

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

39.5524, 0.3401, 0.3885

Protanopia

39.3203, 0.3580, 0.3820

Deuteranopia

39.4322, 0.3736, 0.3660



Tritanopia

39.7034, 0.3063, 0.3113

Trichromacy



Original Color

39.5524, 0.3401, 0.3885

Protanomaly

39.5021, 0.3515, 0.3841

Deuteranomaly

39.2802, 0.3610, 0.3743

Tritanomaly

39.4553, 0.3178, 0.3374

Monochromacy



Original Color

39.5524, 0.3401, 0.3885

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.8160, 0.3228, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5524, 0.3401, 0.3885 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(165, 173, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 132)  
}
```

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(165, 173, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 132) }
```

Border

The CSS property to change the border of an element to Yxy 39.5524, 0.3401, 0.3885 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(165, 173, 132) }
```

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

```
.border{ border-color:rgb(165, 173, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 173, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 173, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 173, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 173,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5524, 0.3401, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 132) }
```

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

```
.background{ background-color: rgb(165,  
173, 132) }
```

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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