

Converting Colors

$Yxy(39.4577, 0.3427, 0.3887)$

Have a look what the booklet for
Yxy(39.4577, 0.3427, 0.3887)
contains.

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Color

Yxy(39.3592, 0.3431, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	A7AC83
RGB	167, 172, 131
RGB Percent	65%, 67%, 51%
CMY	0.3451, 0.3255, 0.4862
CMYK	0.03, 0.00, 0.24, 0.33
HSL	67°, 20%, 59%
HSV	67°, 24%, 67%
XYZ	34.7866, 39.3592, 27.2432
YIQ	165.8310, 10.1810, -13.8110

Conversions

Conversions Part 2

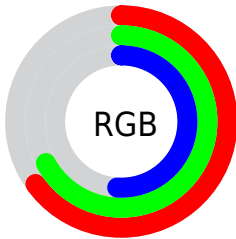
Format	Color
RYB	131, 172, 136
Decimal	10988675
CIELab	69.01, -8.77, 20.54
CIElCh	69, 22.338, 113.125
Yxy	39.3592, 0.3431, 0.3882
Android (android.graphics.Color)	4289178755 (0xFFA7AC83)
YUV	165.8310, -17.1717, 1.0252
Hunter-Lab	62.7369, -10.8144, 18.1694

Details

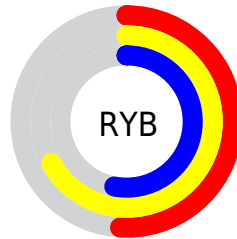
The Yxy color **39.3592, 0.3431, 0.3882** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.4531, 0.2779, 0.2642**, and the grayscale version is **38.1296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9285, 0.3375, 0.3766**, and **17.6719, 0.3524, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **38.7056, 0.3556, 0.4137**, and if you desaturate by 10%, it is **40.0974, 0.3302, 0.3628**.

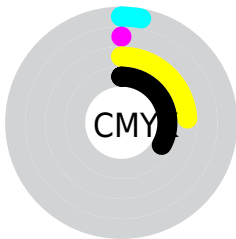
Distribution



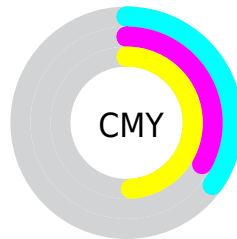
- Red (65%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)




- Cyan (35%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3592, 0.3431, 0.3882 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 39.3592, 0.3431, 0.3882 by changing the saturation by 10% instead.


 39.3592, 0.3431,
0.3882


 39.3592, 0.3431,
0.3882


343.4152, 0.3279,
0.3573


 27.0393, 0.3469,
0.3963


 74.1867, 0.3376,
0.3767

 17.6027, 0.3516,
0.4070


 97.4631, 0.3355,
0.3724

 10.6651, 0.3578,
0.4215


 125.1605, 0.3337,
0.3689

 5.8421, 0.3660,
0.4425

157.6632, 0.3322,
0.3658

 2.7493, 0.3772,
0.4750

195.3556, 0.3309,
0.3633

 1.0023, 0.4227,
0.5773

238.6222, 0.3298,

 0.0000, 0.0000,

0.3610

0.0000

287.8472, 0.3288,
0.3590

■ 39.3592, 0.3431,
0.3882

■ 39.3592, 0.3431,
0.3882

■ 38.7056, 0.3556,
0.4137

■ 40.0974, 0.3302,
0.3628

■ 38.1277, 0.3674,
0.4384

■ 40.9186, 0.3175,
0.3381

■ 37.6228, 0.3779,
0.4613

■ 41.8278, 0.3052,
0.3147


■ 37.1866, 0.3865,
0.4815


■ 42.8283, 0.2934,
0.2928


■ 36.8138, 0.3928,
0.4981

■ 43.9230, 0.2824,
0.2725

 36.4986, 0.3967,
0.5105


 45.1148, 0.2723,
0.2540

 36.2340, 0.3980,
0.5185

 46.4064, 0.2629,
0.2371

 36.0860, 0.3981,
0.5221

 46.8917, 0.2622,
0.2341

 47.1526, 0.2637,
0.2345

Harmonies

Analogous

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



39.3592, 0.3684, 0.3792



39.3592, 0.3431, 0.3882



39.3592, 0.3105, 0.3796

Triad

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



39.3592, 0.3431, 0.3882



39.3592, 0.2509, 0.2952



39.3592, 0.3453, 0.3046

Complementary

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



39.3592, 0.3431, 0.3882



24.4531, 0.2779, 0.2642

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.



39.3592, 0.3122, 0.2847



39.3592, 0.3431, 0.3882



39.3592, 0.2589, 0.2784

Square

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



39.3592, 0.3431, 0.3882



39.3592, 0.2582, 0.3230



39.3592, 0.2808, 0.2752



39.3592, 0.3702, 0.3307

Rectangle

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



39.3592, 0.3431, 0.3882



39.3592, 0.2892, 0.3644



39.3592, 0.2808, 0.2752



39.3592, 0.3347, 0.2970

Sweetspot

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



39.3609, 0.3431, 0.3882



73.7207, 0.3217, 0.3462



27.9629, 0.3594, 0.3363



16.0026, 0.3224, 0.3475



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.



39.3609, 0.3431, 0.3882



70.7094, 0.3503, 0.4027



37.3236, 0.3238, 0.3920



9.2799, 0.3245, 0.3515



26.8688, 0.3983, 0.5219



0.7611, 0.4051, 0.5165

Inverse Universe

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



24.4531, 0.2779, 0.2642



38.5562, 0.2680, 0.2463



26.3141, 0.2987, 0.2679



7.8023, 0.3004, 0.3057



2.3487, 0.1553, 0.0629



0.0797, 0.1748, 0.0737

Previews

White Background



This preview shows how the Yxy color 39.3592, 0.3431, 0.3882 looks on a white background.

Color Contrast Check

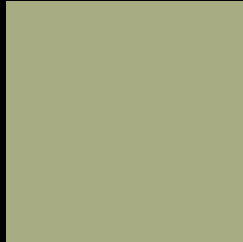
Large Text (above 18pt) WCAG AA × Fail

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 39.3592, 0.3431, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

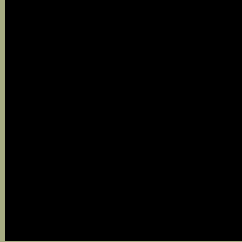
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

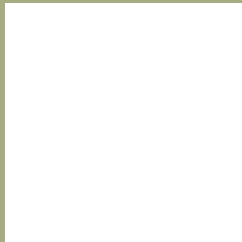
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3592, 0.3431, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 39.3592, 0.3431, 0.3882.



This preview shows how white text looks on a background with the Yxy color 39.3592, 0.3431, 0.3882.

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

39.3592, 0.3431, 0.3882

Protanopia

39.2935, 0.3589, 0.3834

Deuteranopia

39.2699, 0.3736, 0.3675



Tritanopia

39.4113, 0.3081, 0.3113

Trichromacy



Original Color

39.3592, 0.3431, 0.3882

Protanomaly

39.1016, 0.3527, 0.3842

Deuteranomaly

39.2527, 0.3619, 0.3757

Tritanomaly

39.2718, 0.3206, 0.3374

Monochromacy



Original Color

39.3592, 0.3431, 0.3882

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4122, 0.3238, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3592, 0.3431, 0.3882 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(167, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 131)  
}
```

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(167, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 131) }
```

Border

The CSS property to change the border of an element to Yxy 39.3592, 0.3431, 0.3882 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(167, 172, 131) }
```

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

```
.border{ border-color:rgb(167, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3592, 0.3431, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 131) }
```

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

```
.background{ background-color: rgb(167,  
172, 131) }
```

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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