

Converting Colors

$Yxy(39.2537, 0.4455, 0.4844)$

Have a look what the booklet for
Yxy(39.2537, 0.4455, 0.4844)
contains.

Yxy(39.1068, 0.4463, 0.4839)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.1068, 0.4463, 0.4839)

Conversions

Conversions Part 1

Format	Color
Hex	C2A700
RGB	194, 167, 0
RGB Percent	76%, 65%, 0%
CMY	0.2392, 0.3451, 1.0000
CMYK	0.00, 0.14, 1.00, 0.24
HSL	52°, 100%, 38%
HSV	52°, 100%, 76%
XYZ	36.0681, 39.1068, 5.6409
YIQ	156.0350, 69.6990, -46.2130

Conversions

Conversions Part 2

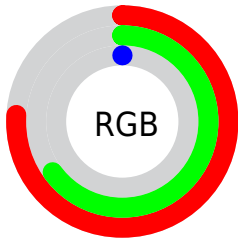
Format	Color
R _Y B	31, 194, 0
Decimal	12756736
CIE Lab	68.83, -3.65, 71.70
CIE LCh	69, 71.791, 92.913
Yxy	39.1068, 0.4463, 0.4839
Android (android.graphics.Color)	4290946816 (0xFFC2A700)
YUV	156.0350, -76.9253, 33.2953
Hunter-Lab	62.5354, -6.4848, 38.4266

Details

The Yxy color **39.1068, 0.4463, 0.4839** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **4.6798, 0.1530, 0.0707**, and the grayscale version is **33.5910, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0384, 0.4282, 0.4615**, and **17.6417, 0.4457, 0.4843** is the 20% darker color. If you saturate the color by 10%, you get **39.1091, 0.4463, 0.4839**, and if you desaturate by 10%, it is **40.1575, 0.4405, 0.4821**.

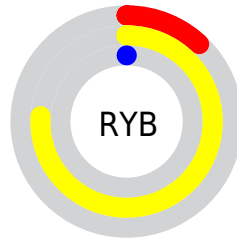
Distribution



Red (76%)

Green (65%)

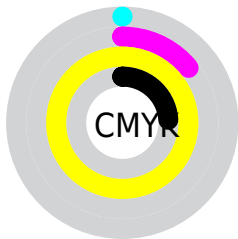
Blue (0%)



Red (12%)

Yellow (76%)

Blue (0%)

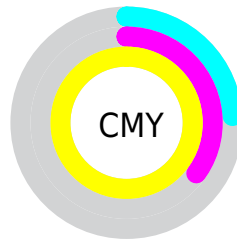


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1068, 0.4463, 0.4839 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 39.1068, 0.4463, 0.4839 by changing the saturation by 10% instead.


 39.1068, 0.4463,
0.4839


 39.1068, 0.4463,
0.4839


342.3443, 0.3873,
0.4134


 26.8428, 0.4561,
0.4965


 73.8014, 0.4281,
0.4615


 17.4552, 0.4653,
0.5092


 97.0009, 0.4202,
0.4520


 10.5596, 0.4756,
0.5244


 124.6143, 0.4131,
0.4436

 5.7715, 0.4730,
0.5270

 157.0260, 0.4068,
0.4361

 2.7067, 0.4689,
0.5311

 194.6205, 0.4011,
0.4295

 0.9806, 0.4614,
0.5386

 237.7821, 0.3960,

 0.0000, 0.0000,

0.4235

0.0000

286.8953, 0.3914,
0.4182

39.1068, 0.4463,
0.4839

39.1068, 0.4463,
0.4839

39.1091, 0.4463,
0.4839

40.1575, 0.4405,
0.4821

41.2751, 0.4323,
0.4765

42.4792, 0.4214,
0.4665

43.7788, 0.4081,
0.4524

45.1815, 0.3930,
0.4349

■ 46.6939, 0.3768,
0.4150

■ 48.3222, 0.3602,
0.3936

■ 50.0717, 0.3437,
0.3717

■ 51.9477, 0.3278,
0.3500

Harmonies

Analogous

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



39.1068, 0.5071, 0.4127



39.1068, 0.4463, 0.4839



39.1068, 0.3568, 0.5266

Triad

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



39.1068, 0.4463, 0.4839



39.1068, 0.1470, 0.2655



39.1068, 0.3398, 0.2205

Complementary

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



39.1068, 0.4463, 0.4839



4.6798, 0.1530, 0.0707

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.



39.1068, 0.2406, 0.1868



39.1068, 0.4463, 0.4839



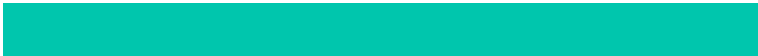
39.1068, 0.1450, 0.2021

Square

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



39.1068, 0.4463, 0.4839



39.1068, 0.1852, 0.3751



39.1068, 0.1754, 0.1791



39.1068, 0.4473, 0.2750

Rectangle

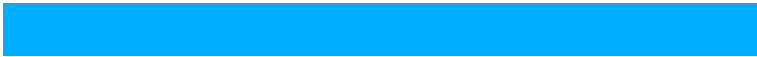
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.1068, 0.4463, 0.4839



39.1068, 0.2924, 0.5128



39.1068, 0.1754, 0.1791



39.1068, 0.3038, 0.2066

Sweetspot

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



39.1091, 0.4463, 0.4839



87.3914, 0.3610, 0.3947



11.5600, 0.6200, 0.3189



18.8552, 0.3682, 0.4039



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.1091, 0.4463, 0.4839



70.5632, 0.4467, 0.4835



43.0323, 0.3589, 0.5532



11.5115, 0.3268, 0.3487



25.7998, 0.4459, 0.4842



1.1819, 0.4391, 0.4896

Inverse Universe

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



4.6798, 0.1530, 0.0707



8.2674, 0.1525, 0.0691



5.1210, 0.1765, 0.0746



9.9691, 0.2983, 0.3086



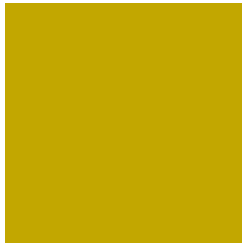
3.1487, 0.1534, 0.0721



0.2108, 0.1625, 0.1048

Previews

White Background



This preview shows how the Yxy color 39.1068, 0.4463, 0.4839 looks on a white background.

Color Contrast Check

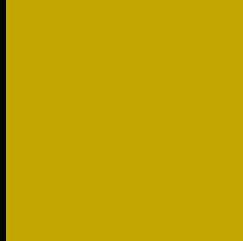
Large Text (above 18pt) WCAG AA × Fail

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 39.1068, 0.4463, 0.4839 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 39.1068, 0.4463, 0.4839

Background



This preview shows how black text looks on a background with the Yxy color 39.1068, 0.4463, 0.4839.

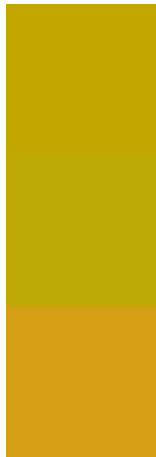


This preview shows how white text looks on a background with the Yxy color 39.1068, 0.4463, 0.4839.

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

39.1068, 0.4463, 0.4839

Protanopia

39.3340, 0.4395, 0.4877

Deuteranopia

38.8403, 0.4693, 0.4595



Tritanopia

38.9292, 0.3493, 0.3138

Trichromacy



Original Color

39.1068, 0.4463, 0.4839

Protanomaly

39.0882, 0.4419, 0.4865

Deuteranomaly

38.8463, 0.4607, 0.4689

Tritanomaly

38.1162, 0.4049, 0.3975

Monochromacy



Original Color

39.1068, 0.4463, 0.4839

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.5885, 0.3792, 0.4177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1068, 0.4463, 0.4839 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(194, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 0)  
}
```

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(194, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.1068, 0.4463, 0.4839 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(194, 167, 0) }
```

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

```
.border{ border-color:rgb(194, 167, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 167, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1068, 0.4463, 0.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 0) }
```

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

```
.background{ background-color: rgb(194,  
167, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor