

Converting Colors

$Y_{xy}(39.1662, 0.4098, 0.5128)$

Have a look what the booklet for
Yxy(39.1662, 0.4098, 0.5128)
contains.

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Color

Yxy(39.1577, 0.4095, 0.5131)

Conversions

Conversions Part 1

Format	Color
Hex	A6B000
RGB	166, 176, 0
RGB Percent	65%, 69%, 0%
CMY	0.3490, 0.3098, 1.0000
CMYK	0.06, 0.00, 1.00, 0.31
HSL	63°, 100%, 35%
HSV	63°, 100%, 69%
XYZ	31.2514, 39.1577, 5.9069
YIQ	152.9460, 50.5360, -56.8560

Conversions

Conversions Part 2

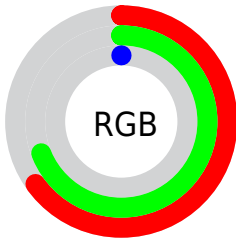
Format	Color
RYB	0, 176, 10
Decimal	10924032
CIELab	68.87, -20.70, 70.61
CIELCh	69, 73.579, 106.337
Yxy	39.1577, 0.4095, 0.5131
Android (android.graphics.Color)	4289114112 (0xFFA6B000)
YUV	152.9460, -75.4024, 11.4484
Hunter-Lab	62.5761, -20.3628, 38.2066

Details

The Yxy color **39.1577, 0.4095, 0.5131** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.1993, 0.1518, 0.0610**, and the grayscale version is **32.1502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7094, 0.3989, 0.4820**, and **17.6665, 0.3989, 0.5215** is the 20% darker color. If you saturate the color by 10%, you get **39.1598, 0.4095, 0.5131**, and if you desaturate by 10%, it is **39.3107, 0.4081, 0.5082**.

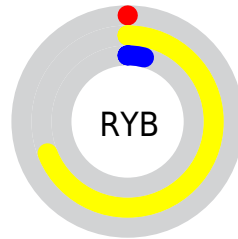
Distribution



Red (65%)

Green (69%)

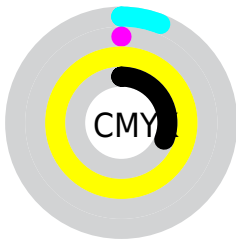
Blue (0%)



Red (0%)

Yellow (69%)

Blue (4%)

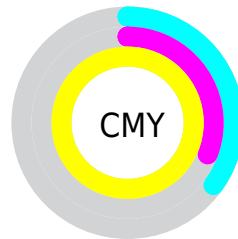


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (35%)


Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1577, 0.4095, 0.5131 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 39.1577, 0.4095, 0.5131 by changing the saturation by 10% instead.


 39.1577, 0.4095,
0.5131


 39.1577, 0.4095,
0.5131


342.5605, 0.3699,
0.4231

 26.8824, 0.4143,
0.5318


 73.8792, 0.3985,
0.4826

 17.4849, 0.4171,
0.5527


 97.0942, 0.3933,
0.4703


 10.5808, 0.4193,
0.5807


 124.7245, 0.3884,
0.4597

 5.7857, 0.4036,
0.5964

 157.1546, 0.3840,
0.4504

 2.7152, 0.3786,
0.6214

 194.7689, 0.3800,
0.4423

 0.9849, 0.3027,
0.6973

 237.9517, 0.3763,

 0.0000, 0.0000,

0.4351

0.0000

287.0874, 0.3730,
0.4288

■ 39.1577, 0.4095,
0.5131

■ 39.1577, 0.4095,
0.5131

■ 39.1598, 0.4095,
0.5131

■ 39.3107, 0.4081,
0.5082

■ 39.5002, 0.4047,
0.4998

■ 39.7430, 0.3988,
0.4872

■ 40.0462, 0.3904,
0.4705

■ 40.4154, 0.3798,
0.4504

■ 40.8558, 0.3676,
0.4276

■ 41.3722, 0.3543,
0.4033

■ 41.9687, 0.3404,
0.3782

■ 42.6493, 0.3264,
0.3532

Harmonies

Analogous

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



39.1577, 0.4881, 0.4468



39.1577, 0.4095, 0.5131



39.1577, 0.3128, 0.5274

Triad

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



39.1577, 0.4095, 0.5131



39.1577, 0.1389, 0.2289



39.1577, 0.3914, 0.2410

Complementary

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



39.1577, 0.4095, 0.5131



3.1993, 0.1518, 0.0610

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.



39.1577, 0.2806, 0.1964



39.1577, 0.4095, 0.5131



39.1577, 0.1517, 0.1847

Square

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



39.1577, 0.4095, 0.5131



39.1577, 0.1602, 0.3206



39.1577, 0.1978, 0.1764



39.1577, 0.4886, 0.3028

Rectangle

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



39.1577, 0.4095, 0.5131



39.1577, 0.2493, 0.4832



39.1577, 0.1978, 0.1764



39.1577, 0.3532, 0.2238

Sweetspot

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



39.1598, 0.4095, 0.5131



74.9789, 0.3550, 0.4046



9.4216, 0.6362, 0.3330



16.1627, 0.3606, 0.4147



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.



39.1598, 0.4095, 0.5131



70.9849, 0.4093, 0.5132



32.7233, 0.3303, 0.5759



9.8816, 0.3255, 0.3516



28.7395, 0.4096, 0.5130



0.9117, 0.4125, 0.5107

Inverse Universe

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



3.1993, 0.1518, 0.0610



5.7710, 0.1514, 0.0607



5.6653, 0.2127, 0.0946



8.2524, 0.2993, 0.3055



2.3560, 0.1522, 0.0612



0.0817, 0.1613, 0.0662

Previews

White Background



This preview shows how the Yxy color 39.1577, 0.4095, 0.5131 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 39.1577, 0.4095, 0.5131 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 39.1577, 0.4095, 0.5131

Background



This preview shows how black text looks on a background with the Yxy color 39.1577, 0.4095, 0.5131.



This preview shows how white text looks on a background with the Yxy color 39.1577, 0.4095, 0.5131.

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

39.1577, 0.4095, 0.5131

Protanopia

38.8241, 0.4403, 0.4886

Deuteranopia

38.8772, 0.4670, 0.4566



Tritanopia

39.1505, 0.3153, 0.3128

Trichromacy



Original Color

39.1577, 0.4095, 0.5131

Protanomaly

38.9496, 0.4293, 0.4973

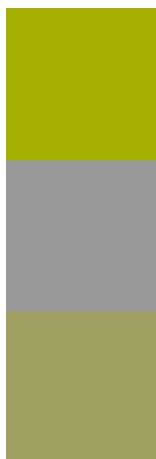
Deuteranomaly

38.5560, 0.4467, 0.4775

Tritanomaly

38.1738, 0.3680, 0.4085

Monochromacy



Original Color

39.1577, 0.4095, 0.5131

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.6219, 0.3676, 0.4262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1577, 0.4095, 0.5131 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(166, 176, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 176, 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(166, 176, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 176, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.1577, 0.4095, 0.5131 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(166, 176, 0) }
```

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

```
.border{ border-color:rgb(166, 176, 0) }
```

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

Here you see how a box with a 4 pixel rgb(166, 176, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 176, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 176, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 176,  
0) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 39.1577, 0.4095, 0.5131$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 176, 0) }
```

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

```
.background{ background-color: rgb(166,  
176, 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](#).

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