

Converting Colors

Yxy(38.2172, 0.4229, 0.5390)

Have a look what the booklet for
Yxy(38.2172, 0.4229, 0.5390)
contains.

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Color

Yxy(38.5525, 0.4084, 0.5139)

Conversions

Conversions Part 1

Format	Color
Hex	A4AF00
RGB	164, 175, 0
RGB Percent	64%, 69%, 0%
CMY	0.3569, 0.3137, 0.9996
CMYK	0.06, 0.00, 1.00, 0.31
HSL	64°, 100%, 34%
HSV	64°, 100%, 69%
XYZ	30.6379, 38.5525, 5.8290
YIQ	151.7610, 49.6190, -56.7570

Conversions

Conversions Part 2

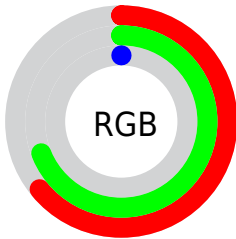
Format	Color
RYB	0, 175, 11
Decimal	10792704
CIELab	68.43, -21.08, 70.18
CIELCh	68, 73.281, 106.715
Yxy	38.5525, 0.4084, 0.5139
Android (android.graphics.Color)	4288982784 (0xFFA4AF00)
YUV	151.7610, -74.8182, 10.7336
Hunter-Lab	62.0907, -20.5798, 37.8974

Details

The Yxy color **38.5525, 0.4084, 0.5139** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.1697, 0.1521, 0.0612**, and the grayscale version is **31.6087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8317, 0.3979, 0.4822**, and **17.2917, 0.3974, 0.5227** is the 20% darker color. If you saturate the color by 10%, you get **38.5534, 0.4084, 0.5139**, and if you desaturate by 10%, it is **38.7143, 0.4071, 0.5088**.

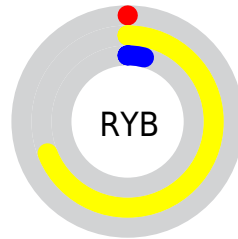
Distribution



Red (64%)

Green (69%)

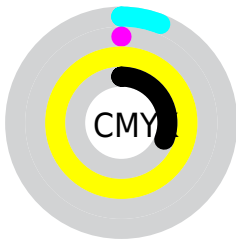
Blue (0%)



Red (0%)

Yellow (69%)

Blue (4%)

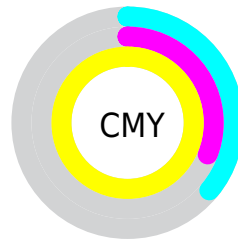


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (36%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5525, 0.4084, 0.5139 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 38.5525, 0.4084, 0.5139 by changing the saturation by 10% instead.


 38.5525, 0.4084,
0.5139


 38.5525, 0.4084,
0.5139


339.9841, 0.3693,
0.4231

 26.4118, 0.4131,
0.5329


 72.9542, 0.3975,
0.4830

 17.1319, 0.4157,
0.5542


 95.9839, 0.3924,
0.4706


 10.3286, 0.4175,
0.5825


 123.4122, 0.3876,
0.4599

 5.6174, 0.4012,
0.5988

 155.6233, 0.3832,
0.4506

 2.6138, 0.3751,
0.6249

 193.0016, 0.3792,
0.4424

 0.9336, 0.2850,
0.7150

 235.9316, 0.3756,

 0.0000, 0.0000,

0.4352

0.0000

284.7977, 0.3723,
0.4288

■ 38.5525, 0.4084,
0.5139

■ 38.5525, 0.4084,
0.5139

■ 38.5534, 0.4084,
0.5139

■ 38.7143, 0.4071,
0.5088

■ 38.9128, 0.4038,
0.5004

■ 39.1641, 0.3979,
0.4876

■ 39.4751, 0.3896,
0.4707

■ 39.8516, 0.3792,
0.4505

■ 40.2987, 0.3671,
0.4276

■ 40.8208, 0.3539,
0.4032

■ 41.4223, 0.3401,
0.3780

■ 42.1069, 0.3262,
0.3531

Harmonies

Analogous

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



38.5525, 0.4875, 0.4478



38.5525, 0.4084, 0.5139



38.5525, 0.3115, 0.5273

Triad

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



38.5525, 0.4084, 0.5139



38.5525, 0.1387, 0.2280



38.5525, 0.3929, 0.2417

Complementary

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



38.5525, 0.4084, 0.5139



3.1697, 0.1521, 0.0612

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.



38.5525, 0.2819, 0.1967



38.5525, 0.4084, 0.5139



38.5525, 0.1520, 0.1843

Square

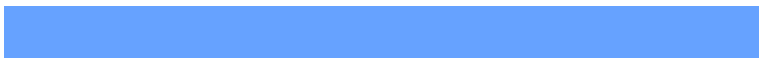
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.5525, 0.4084, 0.5139



38.5525, 0.1595, 0.3191



38.5525, 0.1985, 0.1763



38.5525, 0.4897, 0.3036

Rectangle

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



38.5525, 0.4084, 0.5139



38.5525, 0.2481, 0.4821



38.5525, 0.1985, 0.1763



38.5525, 0.3547, 0.2243

Sweetspot

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



38.5543, 0.4084, 0.5139



73.0432, 0.3547, 0.4046



9.3072, 0.6361, 0.3330



16.1458, 0.3602, 0.4148



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.



38.5543, 0.4084, 0.5139



69.0041, 0.4082, 0.5141



32.3175, 0.3304, 0.5758



9.3041, 0.3253, 0.3515



27.6165, 0.4085, 0.5138



0.7758, 0.4120, 0.5111

Inverse Universe

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



3.1697, 0.1521, 0.0612



5.6391, 0.1516, 0.0609



5.6008, 0.2128, 0.0946



7.7804, 0.2995, 0.3056



2.2777, 0.1525, 0.0614



0.0710, 0.1631, 0.0672

Previews

White Background



This preview shows how the Yxy color 38.5525, 0.4084, 0.5139 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 38.5525, 0.4084, 0.5139 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 38.5525, 0.4084, 0.5139

Background



This preview shows how black text looks on a background with the Yxy color 38.5525, 0.4084, 0.5139.



This preview shows how white text looks on a background with the Yxy color 38.5525, 0.4084, 0.5139.

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

38.5525, 0.4084, 0.5139

Protanopia

38.3288, 0.4404, 0.4885

Deuteranopia

38.2392, 0.4663, 0.4570



Tritanopia

38.5196, 0.3144, 0.3126

Trichromacy



Original Color

38.5525, 0.4084, 0.5139

Protanomaly

38.3332, 0.4283, 0.4981

Deuteranomaly

37.9320, 0.4459, 0.4781

Tritanomaly

37.5558, 0.3672, 0.4092

Monochromacy



Original Color

38.5525, 0.4084, 0.5139

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

33.0726, 0.3660, 0.4256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5525, 0.4084, 0.5139 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(164, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(164, 175, 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(164, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 175, 0) }
```

Border

The CSS property to change the border of an element to Yxy 38.5525, 0.4084, 0.5139 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(164, 175, 0) }
```

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

```
.border{ border-color:rgb(164, 175, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 175, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(164, 175,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5525, 0.4084, 0.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 175, 0) }
```

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

```
.background{ background-color: rgb(164,  
175, 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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