

Converting Colors

$Yxy(39.1457, 0.3774, 0.5066)$

Have a look what the booklet for
Yxy(39.1457, 0.3774, 0.5066)
contains.

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Color

Yxy(39.2538, 0.3779, 0.5067)

Conversions

Conversions Part 1

Format	Color
Hex	95B431
RGB	149, 180, 49
RGB Percent	58%, 71%, 19%
CMY	0.4155, 0.2941, 0.8078
CMYK	0.17, 0.00, 0.73, 0.29
HSL	74°, 57%, 45%
HSV	74°, 73%, 71%
XYZ	29.2757, 39.2538, 8.9400
YIQ	155.7970, 23.5750, -47.3130

Conversions

Conversions Part 2

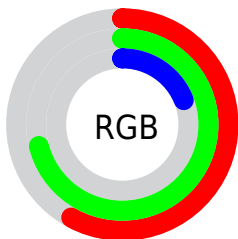
Format	Color
RYB	49, 180, 80
Decimal	9810993
CIELab	68.93, -28.43, 59.51
CIELCh	69, 65.953, 115.533
Yxy	39.2538, 0.3779, 0.5067
Android (android.graphics.Color)	4288001073 (0xFF95B431)
YUV	155.7970, -52.6509, -5.9610
Hunter-Lab	62.6529, -26.2350, 35.3969

Details

The Yxy color **39.2538, 0.3779, 0.5067** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **7.1963, 0.1983, 0.1129**, and the grayscale version is **33.3862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1122, 0.3705, 0.4738**, and **17.5584, 0.3754, 0.5401** is the 20% darker color. If you saturate the color by 10%, you get **38.7398, 0.3800, 0.5219**, and if you desaturate by 10%, it is **39.8467, 0.3733, 0.4873**.

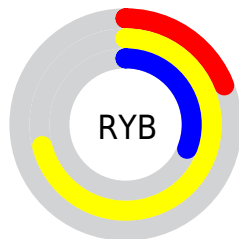
Distribution



Red (58%)

Green (71%)

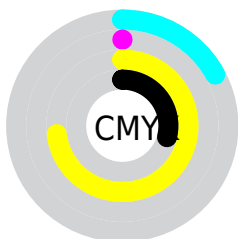
Blue (19%)



Red (19%)

Yellow (71%)

Blue (31%)

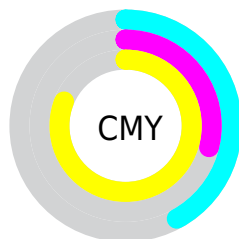


Cyan (17%)

Magenta (0%)

Yellow (73%)

Black (29%)



Cyan (42%)


Magenta (29%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2538, 0.3779, 0.5067 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 39.2538, 0.3779, 0.5067 by changing the saturation by 10% instead.


 39.2538, 0.3779,
0.5067


 39.2538, 0.3779,
0.5067


 342.9683, 0.3514,
0.4149


 26.9572, 0.3811,
0.5286

 74.0259, 0.3705,
0.4736

 17.5411, 0.3827,
0.5552


 97.2702, 0.3670,
0.4610


 10.6210, 0.3814,
0.5890


 124.9325, 0.3638,
0.4504


 5.8126, 0.3712,
0.6288

 157.3972, 0.3608,
0.4412

 2.7315, 0.3366,
0.6634

 195.0488, 0.3581,
0.4333

 0.9932, 0.1986,
0.8014

 238.2716, 0.3557,

 0.0000, 0.0000,

0.4264

0.0000

287.4500, 0.3535,
0.4203

■ 39.2538, 0.3779,
0.5067

■ 39.2538, 0.3779,
0.5067

■ 38.7398, 0.3800,
0.5219

■ 39.8467, 0.3733,
0.4873

■ 38.2914, 0.3795,
0.5324

■ 40.5197, 0.3666,
0.4645

■ 37.9976, 0.3782,
0.5379

■ 41.2804, 0.3580,
0.4394

■ 42.1339, 0.3481,
0.4131

■ 43.0851, 0.3375,
0.3865

■ 44.1382, 0.3266,
0.3605

■ 45.2974, 0.3157,
0.3356

■ 46.5666, 0.3051,
0.3123

■ 47.9492, 0.2950,
0.2907

Harmonies

Analogous

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



39.2538, 0.4560, 0.4602



39.2538, 0.3779, 0.5067



39.2538, 0.2880, 0.4909

Triad

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



39.2538, 0.3779, 0.5067



39.2538, 0.1531, 0.2224



39.2538, 0.4141, 0.2654

Complementary

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



39.2538, 0.3779, 0.5067



7.1963, 0.1983, 0.1129

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.



39.2538, 0.3136, 0.2178



39.2538, 0.3779, 0.5067



39.2538, 0.1744, 0.1914

Square

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



39.2538, 0.3779, 0.5067



39.2538, 0.1636, 0.2931



39.2538, 0.2279, 0.1916



39.2538, 0.4875, 0.3264

Rectangle

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



39.2538, 0.3779, 0.5067



39.2538, 0.2329, 0.4356



39.2538, 0.2279, 0.1916



39.2538, 0.3812, 0.2476

Sweetspot

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



39.2556, 0.3779, 0.5067



78.1996, 0.3371, 0.3855



15.5994, 0.5219, 0.3665



16.7985, 0.3400, 0.3925



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.2556, 0.3779, 0.5067



69.7694, 0.3800, 0.5284



34.7441, 0.3217, 0.5446



9.8035, 0.3228, 0.3517



26.5536, 0.3787, 0.5375



0.8601, 0.3906, 0.5280

Inverse Universe

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



7.1963, 0.1983, 0.1129



8.5797, 0.1754, 0.0808



11.5181, 0.2736, 0.1499



8.3239, 0.3020, 0.3057



2.6778, 0.1642, 0.0678



0.1113, 0.1936, 0.0840

Previews

White Background



This preview shows how the Yxy color 39.2538, 0.3779, 0.5067 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 39.2538, 0.3779, 0.5067 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 39.2538, 0.3779, 0.5067

Background



This preview shows how black text looks on a background with the Yxy color 39.2538, 0.3779, 0.5067.



This preview shows how white text looks on a background with the Yxy color 39.2538, 0.3779, 0.5067.

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

39.2538, 0.3779, 0.5067

Protanopia

38.8939, 0.4278, 0.4722

Deuteranopia

38.7933, 0.4525, 0.4420



Tritanopia

39.1280, 0.2975, 0.3109

Trichromacy



Original Color

39.2538, 0.3779, 0.5067

Protanomaly

38.7090, 0.4097, 0.4847

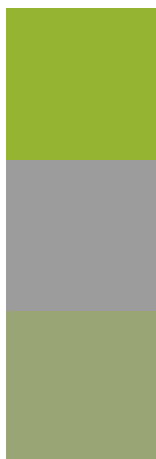
Deuteranomaly

38.5951, 0.4249, 0.4656

Tritanomaly

38.4676, 0.3328, 0.3869

Monochromacy



Original Color

39.2538, 0.3779, 0.5067

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.9669, 0.3434, 0.4029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2538, 0.3779, 0.5067 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(149, 180, 49)` looks like.

```
.text, #text, p{  
    color:rgb(149, 180, 49)  
}
```

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(149, 180, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 180, 49) }
```

Border

The CSS property to change the border of an element to Yxy 39.2538, 0.3779, 0.5067 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(149, 180, 49) }
```

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

```
.border{ border-color:rgb(149, 180, 49) }
```

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

Here you see how a box with a 4 pixel rgb(149, 180, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 180, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 180, 49);  
box-shadow:4px 4px 4px 4px rgb(149, 180,  
49) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2538, 0.3779, 0.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 180, 49) }
```

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

```
.background{ background-color: rgb(149,  
180, 49) }
```

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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