

Converting Colors

$Yxy(39.3176, 0.3533, 0.4568)$

Have a look what the booklet for
Yxy(39.3176, 0.3533, 0.4568)
contains.

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Color

Yxy(39.4201, 0.3534, 0.4569)

Conversions

Conversions Part 1

Format	Color
Hex	95B35D
RGB	149, 179, 93
RGB Percent	58%, 70%, 36%
CMY	0.4157, 0.2980, 0.6351
CMYK	0.17, 0.00, 0.48, 0.30
HSL	81°, 36%, 53%
HSV	81°, 48%, 70%
XYZ	30.4904, 39.4201, 16.3668
YIQ	160.2260, 9.7260, -33.1060

Conversions

Conversions Part 2

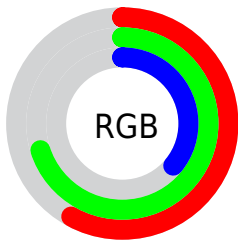
Format	Color
RYB	93, 179, 123
Decimal	9810781
CIELab	69.05, -24.34, 40.31
CIElCh	69, 47.083, 121.124
Yxy	39.4201, 0.3534, 0.4569
Android (android.graphics.Color)	4288000861 (0xFF95B35D)
YUV	160.2260, -33.1424, -9.8452
Hunter-Lab	62.7854, -23.1898, 28.4942

Details

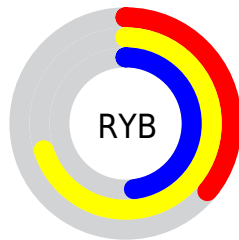
The Yxy color **39.4201, 0.3534, 0.4569** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **15.3059, 0.2527, 0.1911**, and the grayscale version is **35.4178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4401, 0.3479, 0.4317**, and **17.5829, 0.3602, 0.4979** is the 20% darker color. If you saturate the color by 10%, you get **38.5686, 0.3591, 0.4829**, and if you desaturate by 10%, it is **40.3809, 0.3462, 0.4294**.

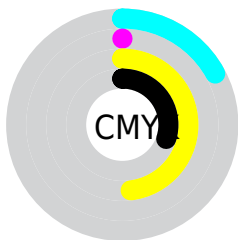
Distribution



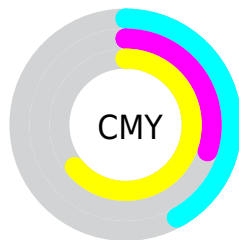
- Red (58%)
- Green (70%)
- Blue (36%)



- Red (36%)
- Yellow (70%)
- Blue (48%)



- Cyan (17%)
- Magenta (0%)
- Yellow (48%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4201, 0.3534, 0.4569 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 39.4201, 0.3534, 0.4569 by changing the saturation by 10% instead.


 39.4201, 0.3534,
0.4569

 39.4201, 0.3534,
0.4569


343.6733, 0.3352,
0.3891

 27.0867, 0.3567,
0.4746


 74.2797, 0.3476,
0.4316


 17.6383, 0.3601,
0.4975


 97.5746, 0.3451,
0.4223

 10.6907, 0.3626,
0.5279

 125.2922, 0.3430,
0.4145

 5.8592, 0.3629,
0.5705

 157.8167, 0.3410,
0.4079

 2.7597, 0.3595,
0.6405

195.5328, 0.3393,
0.4022

 1.0076, 0.2625,
0.7375

238.8246, 0.3378,

 0.0000, 0.0000,

0.3973

0.0000

288.0766, 0.3365,
0.3930

■ 39.4201, 0.3534,
0.4569

■ 39.4201, 0.3534,
0.4569

■ 38.5686, 0.3591,
0.4829

■ 40.3809, 0.3462,
0.4294

■ 37.8153, 0.3628,
0.5063

■ 41.4511, 0.3379,
0.4017

■ 37.1557, 0.3642,
0.5259


■ 42.6370, 0.3290,
0.3745

■ 36.5823, 0.3632,
0.5408

■ 43.9434, 0.3200,
0.3486

■ 36.0833, 0.3600,
0.5510


■ 45.3743, 0.3110,
0.3244

 35.9898, 0.3593,
0.5529

 46.9337, 0.3022,
0.3020

 48.6256, 0.2939,
0.2816

 50.4534, 0.2861,
0.2632

 52.4206, 0.2788,
0.2466

Harmonies

Analogous

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



39.4201, 0.4130, 0.4378



39.4201, 0.3534, 0.4569



39.4201, 0.2863, 0.4308

Triad

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



39.4201, 0.3534, 0.4569



39.4201, 0.1925, 0.2455



39.4201, 0.3977, 0.2912

Complementary

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



39.4201, 0.3534, 0.4569



15.3059, 0.2527, 0.1911

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.



39.4201, 0.3283, 0.2509



39.4201, 0.3534, 0.4569



39.4201, 0.2144, 0.2238

Square

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



39.4201, 0.3534, 0.4569



39.4201, 0.1973, 0.2945



39.4201, 0.2614, 0.2268



39.4201, 0.4434, 0.3411

Rectangle

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



39.4201, 0.3534, 0.4569



39.4201, 0.2464, 0.3895



39.4201, 0.2614, 0.2268



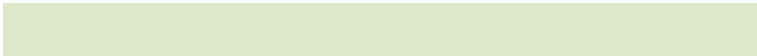
39.4201, 0.3758, 0.2763

Sweetspot

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



39.4218, 0.3534, 0.4569



77.2173, 0.3256, 0.3645



24.2198, 0.4210, 0.3709



16.9991, 0.3275, 0.3701



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.



39.4218, 0.3534, 0.4569



68.9345, 0.3596, 0.4853



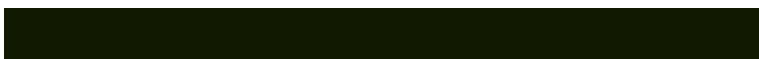
36.1819, 0.3166, 0.4732



9.7552, 0.3211, 0.3519



25.4679, 0.3600, 0.5523



0.8323, 0.3771, 0.5388

Inverse Universe

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



15.3059, 0.2527, 0.1911



20.4341, 0.2351, 0.1576



19.0556, 0.3008, 0.2084



8.3696, 0.3038, 0.3058



3.0682, 0.1781, 0.0755



0.1298, 0.2118, 0.0941

Previews

White Background



This preview shows how the Yxy color 39.4201, 0.3534, 0.4569 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 39.4201, 0.3534, 0.4569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

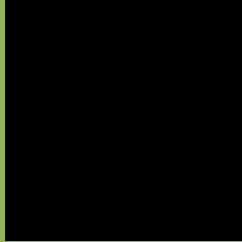
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4201, 0.3534, 0.4569

Background



This preview shows how black text looks on a background with the Yxy color 39.4201, 0.3534, 0.4569.



This preview shows how white text looks on a background with the Yxy color 39.4201, 0.3534, 0.4569.

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

39.4201, 0.3534, 0.4569

Protanopia

39.0408, 0.3981, 0.4340

Deuteranopia

39.0026, 0.4165, 0.4066



Tritanopia

39.3304, 0.2950, 0.3108

Trichromacy



Original Color

39.4201, 0.3534, 0.4569

Protanomaly

39.0139, 0.3817, 0.4431

Deuteranomaly

38.7962, 0.3932, 0.4245

Tritanomaly

39.2572, 0.3174, 0.3627

Monochromacy



Original Color

39.4201, 0.3534, 0.4569

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.4829, 0.3293, 0.3757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4201, 0.3534, 0.4569 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, 179, 93)` looks like.

```
.text, #text, p{  
    color:rgb(149, 179, 93)  
}
```

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, 179, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 179, 93) }
```

Border

The CSS property to change the border of an element to Yxy 39.4201, 0.3534, 0.4569 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, 179, 93) }
```

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

```
.border{ border-color:rgb(149, 179, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 179, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 179, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 179, 93);  
box-shadow:4px 4px 4px 4px rgb(149, 179,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4201, 0.3534, 0.4569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 179, 93) }
```

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

```
.background{ background-color: rgb(149,  
179, 93) }
```

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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