

Converting Colors

Yxy(39.2821, 0.3353, 0.5108)

Have a look what the booklet for
Yxy(39.2821, 0.3353, 0.5108)
contains.

Yxy(39.1923, 0.3350, 0.5107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1923, 0.3350, 0.5107)

Conversions

Conversions Part 1

Format	Color
Hex	73BA45
RGB	115, 186, 69
RGB Percent	45%, 73%, 27%
CMY	0.5488, 0.2706, 0.7294
CMYK	0.38, 0.00, 0.63, 0.27
HSL	96°, 46%, 50%
HSV	96°, 63%, 73%
XYZ	25.7087, 39.1923, 11.8413
YIQ	151.4330, -4.7590, -51.4390

Conversions

Conversions Part 2

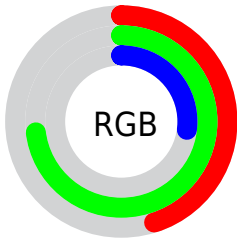
Format	Color
RYB	69, 186, 140
Decimal	7584325
CIELab	68.89, -42.55, 50.90
CIELCh	69, 66.340, 129.894
Yxy	39.1923, 0.3350, 0.5107
Android (android.graphics.Color)	4285774405 (0xFF73BA45)
YUV	151.4330, -40.6395, -31.9517
Hunter-Lab	62.6038, -36.2543, 32.6081

Details

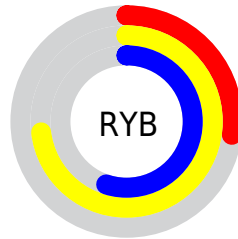
The Yxy color **39.1923, 0.3350, 0.5107** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **13.3740, 0.2625, 0.1610**, and the grayscale version is **31.3282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1643, 0.3346, 0.4739**, and **17.4499, 0.3299, 0.5700** is the 20% darker color. If you saturate the color by 10%, you get **38.2791, 0.3341, 0.5369**, and if you desaturate by 10%, it is **40.2748, 0.3341, 0.4813**.

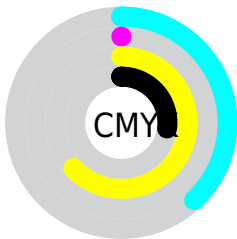
Distribution



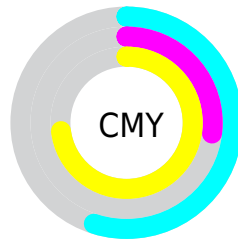
- Red (45%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)





- Cyan (55%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1923, 0.3350, 0.5107 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 39.1923, 0.3350, 0.5107 by changing the saturation by 10% instead.


 39.1923, 0.3350,
0.5107


 39.1923, 0.3350,
0.5107


342.7074, 0.3294,
0.4126


 26.9094, 0.3337,
0.5365


 73.9320, 0.3348,
0.4738

 17.5052, 0.3300,
0.5696


 97.1575, 0.3341,
0.4603


 10.5953, 0.3213,
0.6128


 124.7994, 0.3333,
0.4490

 5.7954, 0.3109,
0.6891

 157.2420, 0.3325,
0.4394

 2.7211, 0.2595,
0.7405

 194.8697, 0.3317,
0.4313

 0.9879, 0.0000,
1.0000

238.0669, 0.3309,

 0.0000, 0.0000,

0.4242

0.0000

287.2180, 0.3301,
0.4180

■ 39.1923, 0.3350,
0.5107

■ 39.1923, 0.3350,
0.5107

■ 38.2791, 0.3341,
0.5369

■ 40.2748, 0.3341,
0.4813

■ 37.5199, 0.3314,
0.5582

■ 41.5309, 0.3317,
0.4504

■ 36.9042, 0.3270,
0.5735

■ 42.9708, 0.3282,
0.4194

■ 36.5402, 0.3234,
0.5815

■ 44.6024, 0.3239,
0.3896

■ 46.4331, 0.3191,
0.3616

■ 48.4699, 0.3142,
0.3360

■ 50.7193, 0.3092,
0.3128

■ 53.1876, 0.3043,
0.2920

■ 55.8808, 0.2997,
0.2735

Harmonies

Analogous

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



39.1923, 0.4219, 0.4880



39.1923, 0.3350, 0.5107



39.1923, 0.2470, 0.4550

Triad

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



39.1923, 0.3350, 0.5107



39.1923, 0.1587, 0.2025



39.1923, 0.4564, 0.2933

Complementary

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



39.1923, 0.3350, 0.5107



13.3740, 0.2625, 0.1610

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.



39.1923, 0.3623, 0.2378



39.1923, 0.3350, 0.5107



39.1923, 0.1952, 0.1873

Square

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



39.1923, 0.3350, 0.5107



39.1923, 0.1536, 0.2533



39.1923, 0.2651, 0.2005



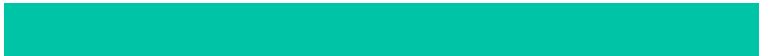
39.1923, 0.5029, 0.3580

Rectangle

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



39.1923, 0.3350, 0.5107



39.1923, 0.2000, 0.3835



39.1923, 0.2651, 0.2005



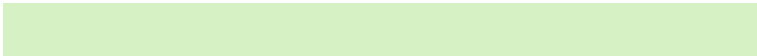
39.1923, 0.4283, 0.2733

Sweetspot

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



39.1940, 0.3350, 0.5107



81.9959, 0.3222, 0.3793



29.3919, 0.4390, 0.4219



17.8533, 0.3235, 0.3876



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.1940, 0.3350, 0.5107



68.8966, 0.3334, 0.5446



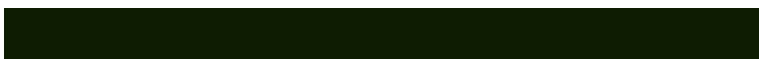
36.9711, 0.2977, 0.5121



10.2279, 0.3174, 0.3522



24.6253, 0.3243, 0.5807



0.9043, 0.3459, 0.5636

Inverse Universe

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



13.3740, 0.2625, 0.1610



18.3458, 0.2483, 0.1322



17.7637, 0.3344, 0.1977



8.9816, 0.3077, 0.3060



4.7822, 0.2257, 0.1017



0.2033, 0.2505, 0.1154

Previews

White Background



This preview shows how the Yxy color 39.1923, 0.3350, 0.5107 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 39.1923, 0.3350, 0.5107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

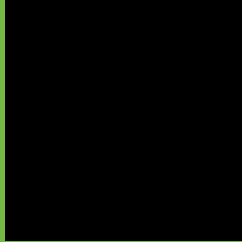
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1923, 0.3350, 0.5107

Background



This preview shows how black text looks on a background with the Yxy color 39.1923, 0.3350, 0.5107.



This preview shows how white text looks on a background with the Yxy color 39.1923, 0.3350, 0.5107.

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

39.1923, 0.3350, 0.5107

Protanopia

38.9402, 0.4174, 0.4589

Deuteranopia

38.5975, 0.4363, 0.4267



Tritanopia

38.9713, 0.2695, 0.3085

Trichromacy



Original Color

39.1923, 0.3350, 0.5107

Protanomaly

38.6304, 0.3847, 0.4792

Deuteranomaly

37.8690, 0.3971, 0.4573

Tritanomaly

38.3971, 0.2954, 0.3809

Monochromacy



Original Color

39.1923, 0.3350, 0.5107

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

33.3347, 0.3253, 0.3986

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1923, 0.3350, 0.5107 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(115, 186, 69)` looks like.

```
.text, #text, p{  
    color:rgb(115, 186, 69)  
}
```

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(115, 186, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 186, 69) }
```

Border

The CSS property to change the border of an element to Yxy 39.1923, 0.3350, 0.5107 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(115, 186, 69) }
```

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

```
.border{ border-color:rgb(115, 186, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 186, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 186, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 186, 69);  
box-shadow:4px 4px 4px 4px rgb(115, 186,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1923, 0.3350, 0.5107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 186, 69) }
```

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

```
.background{ background-color: rgb(115,  
186, 69) }
```

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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