

Converting Colors

$Y_{xy}(41.4134, 0.3293, 0.5652)$

Have a look what the booklet for
Yxy(41.4134, 0.3293, 0.5652)
contains.

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Color

Yxy(41.3847, 0.3293, 0.5649)

Conversions

Conversions Part 1

Format	Color
Hex	5CC31B
RGB	92, 195, 27
RGB Percent	36%, 76%, 11%
CMY	0.6393, 0.2353, 0.8942
CMYK	0.53, 0.00, 0.86, 0.24
HSL	97°, 76%, 44%
HSV	97°, 86%, 76%
XYZ	24.1246, 41.3847, 7.7509
YIQ	145.0510, -7.4600, -74.0840

Conversions

Conversions Part 2

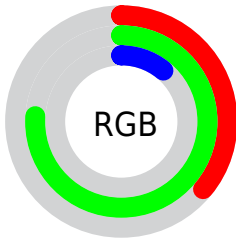
Format	Color
RYB	27, 195, 130
Decimal	6079259
CIELab	70.44, -56.03, 66.15
CIELCh	70, 86.694, 130.264
Yxy	41.3847, 0.3293, 0.5649
Android (android.graphics.Color)	4284269339 (0xFF5CC31B)
YUV	145.0510, -58.1991, -46.5257
Hunter-Lab	64.3309, -45.6403, 37.8881

Details

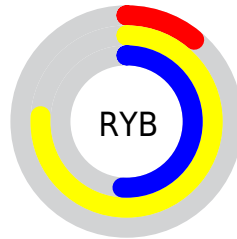
The Yxy color **41.3847, 0.3293, 0.5649** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed green. A complement of this color would be **9.4685, 0.2391, 0.1164**, and the grayscale version is **28.5780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0344, 0.3339, 0.5185**, and **18.8577, 0.3033, 0.5974** is the 20% darker color. If you saturate the color by 10%, you get **40.7561, 0.3244, 0.5781**, and if you desaturate by 10%, it is **42.1734, 0.3327, 0.5455**.

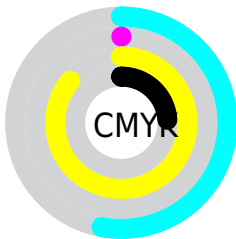
Distribution



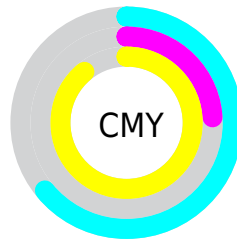
- Red (36%)
- Green (76%)
- Blue (11%)



- Red (11%)
- Yellow (76%)
- Blue (51%)



- Cyan (53%)
- Magenta (0%)
- Yellow (86%)
- Black (24%)





- Cyan (64%)
- Magenta (24%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3847, 0.3293, 0.5649 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 41.3847, 0.3293, 0.5649 by changing the saturation by 10% instead.


 41.3847, 0.3293,
0.5649

 41.3847, 0.3293,
0.5649


351.9259, 0.3318,
0.4391


 28.6198, 0.3238,
0.5960


 77.2675, 0.3336,
0.5187

 18.7934, 0.3137,
0.6342


 101.1543, 0.3341,
0.5014

 11.5211, 0.2979,
0.6872


 129.5171, 0.3341,
0.4868

 6.4185, 0.2620,
0.7380

 162.7403, 0.3339,
0.4743

 3.1012, 0.2017,
0.7983

 201.2085, 0.3334,
0.4636

 1.1848, 0.0000,
1.0000

 245.3058, 0.3329,

 0.0492, 0.0000,

0.4544

1.0000

295.4168, 0.3323,
0.4463

■ 0.0000, 0.0000,
0.0000

■ 41.3847, 0.3293,
0.5649

■ 41.3847, 0.3293,
0.5649

■ 40.7561, 0.3244,
0.5781

■ 42.1734, 0.3327,
0.5455

■ 40.5471, 0.3224,
0.5822

■ 43.1318, 0.3342,
0.5207

■ 44.2740, 0.3340,
0.4920

■ 45.6110, 0.3322,
0.4612

■ 47.1528, 0.3291,
0.4300

■ 48.9085, 0.3251,
0.3995

■ 50.8867, 0.3206,
0.3707

■ 53.0955, 0.3157,
0.3442

■ 55.5425, 0.3108,
0.3201

Harmonies

Analogous

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



41.3847, 0.4355, 0.5202



41.3847, 0.3293, 0.5649



41.3847, 0.2244, 0.4956

Triad

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



41.3847, 0.3293, 0.5649



41.3847, 0.1287, 0.1731



41.3847, 0.4972, 0.2818

Complementary

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



41.3847, 0.3293, 0.5649



9.4685, 0.2391, 0.1164

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.



41.3847, 0.3754, 0.2180



41.3847, 0.3293, 0.5649



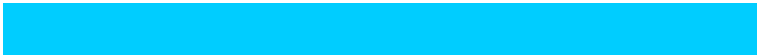
41.3847, 0.1702, 0.1586

Square

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



41.3847, 0.3293, 0.5649



41.3847, 0.1211, 0.2291



41.3847, 0.2528, 0.1747



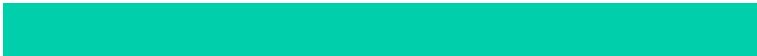
41.3847, 0.5510, 0.3550

Rectangle

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



41.3847, 0.3293, 0.5649



41.3847, 0.1699, 0.3957



41.3847, 0.2528, 0.1747



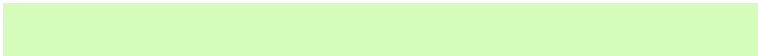
41.3847, 0.4612, 0.2590

Sweetspot

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



41.3865, 0.3293, 0.5649



87.5113, 0.3252, 0.4002



27.0660, 0.4893, 0.4357



18.9117, 0.3267, 0.4108



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.3865, 0.3293, 0.5649



72.4819, 0.3214, 0.5830



39.4460, 0.2969, 0.5737



11.4445, 0.3173, 0.3524



26.3966, 0.3234, 0.5815



1.1803, 0.3417, 0.5669

Inverse Universe

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



9.4685, 0.2391, 0.1164



14.0041, 0.2244, 0.1010



15.6080, 0.3433, 0.1731



10.0467, 0.3077, 0.3059



5.1854, 0.2270, 0.1024



0.2628, 0.2481, 0.1140

Previews

White Background



This preview shows how the Yxy color 41.3847, 0.3293, 0.5649 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 41.3847, 0.3293, 0.5649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

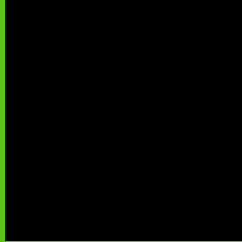
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3847, 0.3293, 0.5649

Background



This preview shows how black text looks on a background with the Yxy color 41.3847, 0.3293, 0.5649.



This preview shows how white text looks on a background with the Yxy color 41.3847, 0.3293, 0.5649.

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

41.3847, 0.3293, 0.5649

Protanopia

40.8895, 0.4372, 0.4849

Deuteranopia

40.4930, 0.4593, 0.4486



Tritanopia

40.9552, 0.2556, 0.3070

Trichromacy



Original Color

41.3847, 0.3293, 0.5649

Protanomaly

39.7684, 0.3930, 0.5179

Deuteranomaly

38.9714, 0.4068, 0.4939

Tritanomaly

40.1183, 0.2895, 0.4113

Monochromacy



Original Color

41.3847, 0.3293, 0.5649

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

31.5893, 0.3297, 0.4322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3847, 0.3293, 0.5649 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(92, 195, 27)` looks like.

```
.text, #text, p{  
    color:rgb(92, 195, 27)  
}
```

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(92, 195, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 195, 27) }
```

Border

The CSS property to change the border of an element to Yxy 41.3847, 0.3293, 0.5649 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(92, 195, 27) }
```

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

```
.border{ border-color:rgb(92, 195, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 195, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 195, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 195, 27);  
box-shadow:4px 4px 4px 4px rgb(92, 195,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3847, 0.3293, 0.5649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 195, 27) }
```

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

```
.background{ background-color: rgb(92, 195,  
27) }
```

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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