

Converting Colors

$Yxy(39.5408, 0.2741, 0.5069)$

Have a look what the booklet for
Yxy(39.5408, 0.2741, 0.5069)
contains.

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Color

Yxy(39.3917, 0.2740, 0.5065)

Conversions

Conversions Part 1

Format	Color
Hex	00C25E
RGB	0, 194, 94
RGB Percent	0%, 76%, 37%
CMY	1.0000, 0.2392, 0.6313
CMYK	1.00, 0.00, 0.52, 0.24
HSL	149°, 100%, 38%
HSV	149°, 100%, 76%
XYZ	21.3096, 39.3917, 17.0710
YIQ	124.5940, -83.5240, -72.2280

Conversions

Conversions Part 2

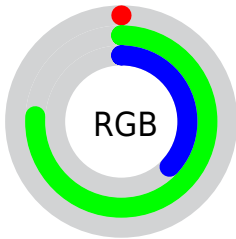
Format	Color
RYB	0, 131, 194
Decimal	49758
CIELab	69.03, -62.78, 38.77
CIELCh	69, 73.781, 148.303
Yxy	39.3917, 0.2740, 0.5065
Android (android.graphics.Color)	4278239838 (0xFF00C25E)
YUV	124.5940, -15.0828, -109.2689
Hunter-Lab	62.7628, -49.2295, 27.8075

Details

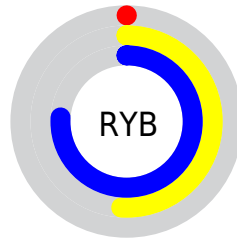
The Yxy color **39.3917, 0.2740, 0.5065** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **12.3904, 0.4901, 0.2473**, and the grayscale version is **20.4390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3488, 0.2845, 0.4686**, and **18.6471, 0.2866, 0.5516** is the 20% darker color. If you saturate the color by 10%, you get **39.3951, 0.2740, 0.5065**, and if you desaturate by 10%, it is **39.7290, 0.2711, 0.4881**.

Distribution



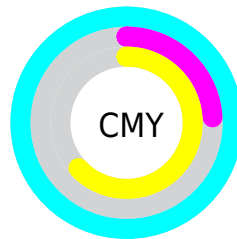
- Red (0%)
- Green (76%)
- Blue (37%)



- Red (0%)
- Yellow (51%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3917, 0.2740, 0.5065 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 39.3917, 0.2740, 0.5065 by changing the saturation by 10% instead.


 39.3917, 0.2740,
0.5065


 39.3917, 0.2740,
0.5065


343.5530, 0.2985,
0.4076

 27.0646, 0.2658,
0.5343


 74.2363, 0.2844,
0.4682

 17.6217, 0.2540,
0.5717


 97.5226, 0.2878,
0.4545

 10.6788, 0.2357,
0.6237


 125.2308, 0.2905,
0.4432

 5.8513, 0.2060,
0.6996

 157.7451, 0.2928,
0.4338

 2.7548, 0.1458,
0.8542

 195.4502, 0.2946,
0.4257

 1.0051, 0.0000,
1.0000

238.7302, 0.2961,

 0.0000, 0.0000,

0.4189

0.0000

287.9697, 0.2974,
0.4129

■ 39.3917, 0.2740,
0.5065

■ 39.3917, 0.2740,
0.5065

■ 39.3951, 0.2740,
0.5065

■ 39.7290, 0.2711,
0.4881

■ 40.2294, 0.2698,
0.4686

■ 40.9479, 0.2704,
0.4484

■ 41.9112, 0.2729,
0.4283

■ 43.1423, 0.2771,
0.4086

■ 44.6609, 0.2827,
0.3899

■ 46.4854, 0.2894,
0.3725

■ 48.6321, 0.2968,
0.3565

■ 51.1163, 0.3047,
0.3420

Harmonies

Analogous

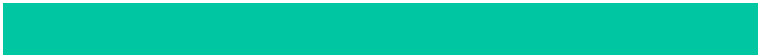
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.3917, 0.3719, 0.5287



39.3917, 0.2740, 0.5065



39.3917, 0.1918, 0.3960

Triad

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



39.3917, 0.2740, 0.5065



39.3917, 0.1658, 0.1776



39.3917, 0.5116, 0.3299

Complementary

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



39.3917, 0.2740, 0.5065



12.3904, 0.4901, 0.2473

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.



39.3917, 0.4352, 0.2642



39.3917, 0.2740, 0.5065



39.3917, 0.2263, 0.1811

Square

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



39.3917, 0.2740, 0.5065



39.3917, 0.1401, 0.2061



39.3917, 0.3230, 0.2115



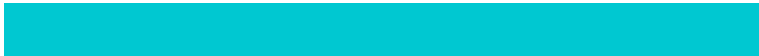
39.3917, 0.5164, 0.4018

Rectangle

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



39.3917, 0.2740, 0.5065



39.3917, 0.1575, 0.3131



39.3917, 0.3230, 0.2115



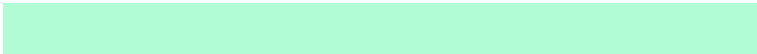
39.3917, 0.4933, 0.3071

Sweetspot

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



39.3951, 0.2740, 0.5065



84.0426, 0.2891, 0.3733



41.3097, 0.3387, 0.5693



18.0804, 0.2861, 0.3807



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.



39.3951, 0.2740, 0.5065



71.3170, 0.2748, 0.5092



42.3385, 0.2261, 0.3338



11.3383, 0.3052, 0.3411



25.9154, 0.2734, 0.5041



1.1337, 0.2617, 0.4621

Inverse Universe

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



12.3904, 0.4901, 0.2473



22.3946, 0.4933, 0.2491



11.4774, 0.6384, 0.3291



10.1626, 0.3210, 0.3172



8.1623, 0.4872, 0.2458



0.3666, 0.4404, 0.2200

Previews

White Background



This preview shows how the Yxy color 39.3917, 0.2740, 0.5065 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 39.3917, 0.2740, 0.5065 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 39.3917, 0.2740, 0.5065

Background



This preview shows how black text looks on a background with the Yxy color 39.3917, 0.2740, 0.5065.



This preview shows how white text looks on a background with the Yxy color 39.3917, 0.2740, 0.5065.

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

39.3917, 0.2740, 0.5065

Protanopia

38.6076, 0.4019, 0.4375

Deuteranopia

38.6774, 0.4090, 0.4017



Tritanopia

39.4400, 0.2329, 0.3059

Trichromacy



Original Color

39.3917, 0.2740, 0.5065



Protanomaly

36.0004, 0.3291, 0.4748



Deuteranomaly

35.0923, 0.3319, 0.4462



Tritanomaly

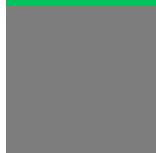
38.7071, 0.2449, 0.3742

Monochromacy



Original Color

39.3917, 0.2740, 0.5065



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

24.7331, 0.2793, 0.4004

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3917, 0.2740, 0.5065 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(0, 194, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 94)  
}
```

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(0, 194, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 94) }
```

Border

The CSS property to change the border of an element to Yxy 39.3917, 0.2740, 0.5065 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(0, 194, 94) }
```

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

```
.border{ border-color:rgb(0, 194, 94) }
```

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

Here you see how a box with a 4 pixel rgb(0, 194, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 94);  
box-shadow:4px 4px 4px 4px rgb(0, 194, 94)  
}
```


Background

The CSS property to change the background color of an element to Yxy 39.3917, 0.2740, 0.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 94) }
```

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

```
.background{ background-color: rgb(0, 194,  
94) }
```

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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