

Converting Colors

$Yxy(39.2766, 0.3027, 0.5052)$

Have a look what the booklet for
Yxy(39.2766, 0.3027, 0.5052)
contains.

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Color

Yxy(39.2766, 0.3027, 0.5052)

Conversions

Conversions Part 1

Format	Color
Hex	52BE55
RGB	82, 190, 85
RGB Percent	32%, 75%, 33%
CMY	0.6784, 0.2549, 0.6667
CMYK	0.57, 0.00, 0.55, 0.25
HSL	122°, 45%, 53%
HSV	122°, 57%, 75%
XYZ	23.5333, 39.2766, 14.9347
YIQ	145.7380, -30.6630, -55.5510

Conversions

Conversions Part 2

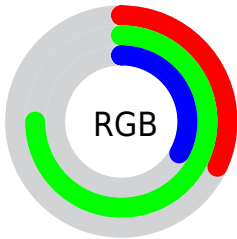
Format	Color
RYB	82, 187, 190
Decimal	5422677
CIELab	68.95, -52.20, 43.32
CIElCh	69, 67.837, 140.309
Yxy	39.2766, 0.3027, 0.5052
Android (android.graphics.Color)	4283612757 (0xFF52BE55)
YUV	145.7380, -29.9438, -55.8982
Hunter-Lab	62.6710, -42.6466, 29.7407

Details

The Yxy color **39.2766, 0.3027, 0.5052** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **20.5718, 0.3225, 0.1997**, and the grayscale version is **28.7676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9031, 0.3078, 0.4681**, and **17.4434, 0.2906, 0.5663** is the 20% darker color. If you saturate the color by 10%, you get **38.2847, 0.3013, 0.5374**, and if you desaturate by 10%, it is **40.5842, 0.3044, 0.4706**.

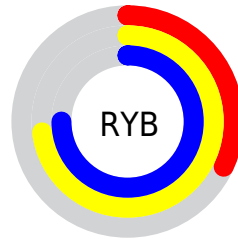
Distribution



Red (32%)

Green (75%)

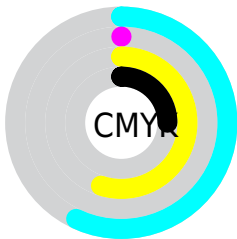
Blue (33%)



Red (32%)

Yellow (73%)

Blue (75%)

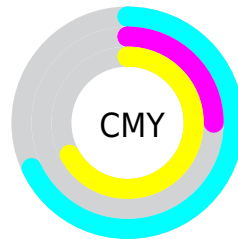


Cyan (57%)

Magenta (0%)

Yellow (55%)

Black (25%)



Cyan (68%)


Magenta (25%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2766, 0.3027, 0.5052 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 39.2766, 0.3027, 0.5052 by changing the saturation by 10% instead.


 39.2766, 0.3027,
0.5052


 39.2766, 0.3027,
0.5052


343.0650, 0.3128,
0.4081


 26.9750, 0.2980,
0.5319


 74.0607, 0.3079,
0.4679

 17.5544, 0.2903,
0.5673


 97.3119, 0.3093,
0.4545


 10.6306, 0.2772,
0.6156


 124.9818, 0.3104,
0.4434

 5.8190, 0.2556,
0.6897

 157.4548, 0.3112,
0.4341

 2.7353, 0.2083,
0.7917

 195.1152, 0.3118,
0.4261

 0.9952, 0.0000,
1.0000

238.3474, 0.3122,

 0.0000, 0.0000,

0.4193

0.0000

287.5359, 0.3125,
0.4133

■ 39.2766, 0.3027,
0.5052

■ 39.2766, 0.3027,
0.5052

■ 38.2847, 0.3013,
0.5374

■ 40.5842, 0.3044,
0.4706

■ 37.5776, 0.3003,
0.5645

■ 42.2257, 0.3063,
0.4359

■ 37.1265, 0.2998,
0.5844

■ 44.2239, 0.3081,
0.4028

■ 36.8913, 0.2997,
0.5959

■ 46.5979, 0.3100,
0.3726

■ 36.8396, 0.2995,
0.5983

■ 49.3656, 0.3116,
0.3456

■ 52.5438, 0.3132,
0.3219

■ 56.1482, 0.3146,
0.3013

■ 60.1938, 0.3158,
0.2836

■ 64.6948, 0.3169,
0.2684

Harmonies

Analogous

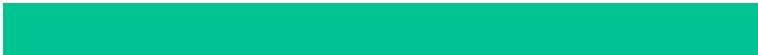
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.2766, 0.3941, 0.5061



39.2766, 0.3027, 0.5052



39.2766, 0.2188, 0.4215

Triad

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



39.2766, 0.3027, 0.5052



39.2766, 0.1653, 0.1912



39.2766, 0.4832, 0.3144

Complementary

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



39.2766, 0.3027, 0.5052



20.5718, 0.3225, 0.1997

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.



39.2766, 0.3994, 0.2541



39.2766, 0.3027, 0.5052



39.2766, 0.2138, 0.1866

Square

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



39.2766, 0.3027, 0.5052



39.2766, 0.1491, 0.2289



39.2766, 0.2962, 0.2089



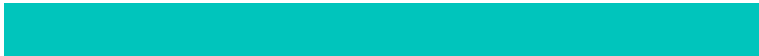
39.2766, 0.5075, 0.3817

Rectangle

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



39.2766, 0.3027, 0.5052



39.2766, 0.1791, 0.3445



39.2766, 0.2962, 0.2089



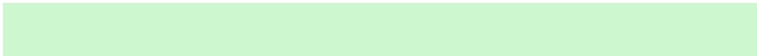
39.2766, 0.4605, 0.2932

Sweetspot

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



39.2782, 0.3027, 0.5052



84.2366, 0.3099, 0.3738



48.1546, 0.3915, 0.4630



18.2944, 0.3095, 0.3798



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.2782, 0.3027, 0.5052



69.0417, 0.3010, 0.5441



40.4517, 0.2720, 0.4157



10.6538, 0.3112, 0.3520



24.4974, 0.2994, 0.5979



0.9611, 0.2972, 0.5897

Inverse Universe

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



20.5718, 0.3225, 0.1997



31.9041, 0.3244, 0.1802



18.7105, 0.3967, 0.2598



9.6916, 0.3142, 0.3070



9.6030, 0.3279, 0.1580



0.3776, 0.3261, 0.1570

Previews

White Background



This preview shows how the Yxy color 39.2766, 0.3027, 0.5052 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 39.2766, 0.3027, 0.5052 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 39.2766, 0.3027, 0.5052

Background



This preview shows how black text looks on a background with the Yxy color 39.2766, 0.3027, 0.5052.



This preview shows how white text looks on a background with the Yxy color 39.2766, 0.3027, 0.5052.

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

39.2766, 0.3027, 0.5052

Protanopia

38.5018, 0.4070, 0.4452

Deuteranopia

38.4240, 0.4205, 0.4114



Tritanopia

39.2163, 0.2497, 0.3079

Trichromacy



Original Color

39.2766, 0.3027, 0.5052



Protanomaly

37.5499, 0.3625, 0.4689



Deuteranomaly

36.9612, 0.3707, 0.4460



Tritanomaly

38.7967, 0.2694, 0.3760

Monochromacy



Original Color

39.2766, 0.3027, 0.5052



Achromatopsia

28.7441, 0.3127, 0.3290



Achromatomaly

31.5069, 0.3088, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2766, 0.3027, 0.5052 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(82, 190, 85)` looks like.

```
.text, #text, p{  
    color:rgb(82, 190, 85)  
}
```

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(82, 190, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 190, 85) }
```

Border

The CSS property to change the border of an element to Yxy 39.2766, 0.3027, 0.5052 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(82, 190, 85) }
```

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

```
.border{ border-color:rgb(82, 190, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 190, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 190, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 190, 85);  
box-shadow:4px 4px 4px 4px rgb(82, 190,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2766, 0.3027, 0.5052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 190, 85) }
```

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

```
.background{ background-color: rgb(82, 190,  
85) }
```

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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