

Converting Colors

$Yxy(43.2572, 0.3039, 0.5167)$

Have a look what the booklet for
Yxy(43.2572, 0.3039, 0.5167)
contains.

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Color

Yxy(43.2499, 0.3039, 0.5169)

Conversions

Conversions Part 1

Format	Color
Hex	52C752
RGB	82, 199, 82
RGB Percent	32%, 78%, 32%
CMY	0.6784, 0.2196, 0.6784
CMYK	0.59, 0.00, 0.59, 0.22
HSL	120°, 51%, 55%
HSV	120°, 59%, 78%
XYZ	25.4278, 43.2499, 14.9940
YIQ	150.6790, -32.1750, -61.1910

Conversions

Conversions Part 2

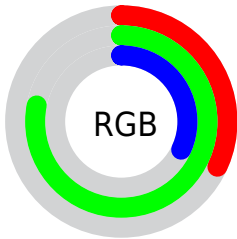
Format	Color
RYB	82, 199, 199
Decimal	5424978
CIELab	71.72, -55.95, 47.97
CIELCh	72, 73.695, 139.389
Yxy	43.2499, 0.3039, 0.5169
Android (android.graphics.Color)	4283615058 (0xFF52C752)
YUV	150.6790, -33.8587, -60.2315
Hunter-Lab	65.7647, -46.0713, 32.5175

Details

The Yxy color **43.2499, 0.3039, 0.5169** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **22.3033, 0.3191, 0.1930**, and the grayscale version is **30.9644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0201, 0.3094, 0.4767**, and **20.0304, 0.2940, 0.5782** is the 20% darker color. If you saturate the color by 10%, you get **42.2246, 0.3024, 0.5483**, and if you desaturate by 10%, it is **44.6253, 0.3055, 0.4820**.

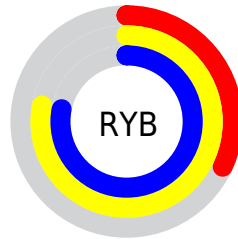
Distribution



Red (32%)

Green (78%)

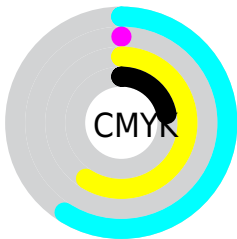
Blue (32%)



Red (32%)

Yellow (78%)

Blue (78%)

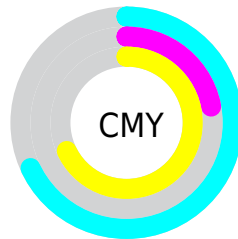


Cyan (59%)

Magenta (0%)

Yellow (59%)

Black (22%)



Cyan (68%)


Magenta (22%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2499, 0.3039, 0.5169 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 43.2499, 0.3039, 0.5169 by changing the saturation by 10% instead.


 43.2499, 0.3039,
0.5169


 43.2499, 0.3039,
0.5169

359.6385, 0.3141,
0.4149


 30.0812, 0.2990,
0.5442


 80.0878, 0.3093,
0.4782

 19.9003, 0.2911,
0.5798


 104.5259, 0.3108,
0.4642

 12.3226, 0.2777,
0.6273


 133.4892, 0.3118,
0.4524

 6.9638, 0.2557,
0.6972

 167.3622, 0.3126,
0.4426

 3.4394, 0.2115,
0.7885

 206.5292, 0.3131,
0.4341

 1.3652, 0.0000,
1.0000

251.3747, 0.3135,

 0.1909, 0.0000,

0.4268

1.0000

302.2829, 0.3139,
0.4205

0.0000, 0.0000,
0.0000

43.2499, 0.3039,
0.5169

43.2499, 0.3039,
0.5169

42.2246, 0.3024,
0.5483

44.6253, 0.3055,
0.4820

41.5131, 0.3012,
0.5734

46.3726, 0.3072,
0.4462

41.0809, 0.3005,
0.5903

48.5181, 0.3088,
0.4117

40.8684, 0.3000,
0.5991

51.0843, 0.3103,
0.3799

40.8475, 0.3000,
0.6000

54.0918, 0.3117,
0.3513

■ 57.5602, 0.3129,
0.3261

■ 61.5075, 0.3139,
0.3043

■ 65.9511, 0.3148,
0.2856

■ 69.3275, 0.3153,
0.2742

Harmonies

Analogous

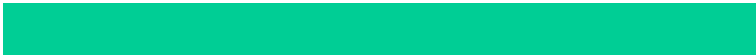
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.2499, 0.3989, 0.5130



43.2499, 0.3039, 0.5169



43.2499, 0.2161, 0.4304

Triad

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



43.2499, 0.3039, 0.5169



43.2499, 0.1585, 0.1861



43.2499, 0.4900, 0.3107

Complementary

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



43.2499, 0.3039, 0.5169



22.3033, 0.3191, 0.1930

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.



43.2499, 0.4003, 0.2489



43.2499, 0.3039, 0.5169



43.2499, 0.2073, 0.1807

Square

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



43.2499, 0.3039, 0.5169



43.2499, 0.1428, 0.2256



43.2499, 0.2919, 0.2030



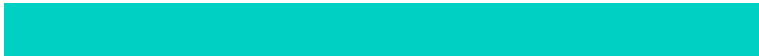
43.2499, 0.5166, 0.3799

Rectangle

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



43.2499, 0.3039, 0.5169



43.2499, 0.1745, 0.3484



43.2499, 0.2919, 0.2030



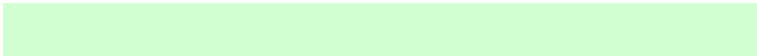
43.2499, 0.4656, 0.2890

Sweetspot

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



43.2517, 0.3039, 0.5169



89.6983, 0.3104, 0.3783



53.5993, 0.3955, 0.4659



18.8958, 0.3100, 0.3873



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.



43.2517, 0.3039, 0.5169



73.4676, 0.3020, 0.5573



44.5507, 0.2723, 0.4230



11.8879, 0.3116, 0.3529



26.2655, 0.3000, 0.6000



1.2437, 0.3000, 0.6000

Inverse Universe

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



22.3033, 0.3191, 0.1930



33.3707, 0.3200, 0.1730



20.0883, 0.3984, 0.2554



10.8166, 0.3138, 0.3062



10.4591, 0.3209, 0.1542



0.4952, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 43.2499, 0.3039, 0.5169 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 43.2499, 0.3039, 0.5169 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 43.2499, 0.3039, 0.5169

Background



This preview shows how black text looks on a background with the Yxy color 43.2499, 0.3039, 0.5169.



This preview shows how white text looks on a background with the Yxy color 43.2499, 0.3039, 0.5169.

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

43.2499, 0.3039, 0.5169

Protanopia

42.6373, 0.4119, 0.4520

Deuteranopia

42.3239, 0.4267, 0.4175



Tritanopia

43.1199, 0.2484, 0.3072

Trichromacy



Original Color

43.2499, 0.3039, 0.5169



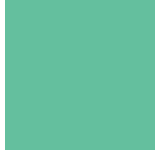
Protanomaly

41.6033, 0.3646, 0.4792



Deuteranomaly

40.6524, 0.3738, 0.4548



Tritanomaly

42.4396, 0.2697, 0.3808

Monochromacy



Original Color

43.2499, 0.3039, 0.5169



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

33.9472, 0.3095, 0.3983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2499, 0.3039, 0.5169 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, 199, 82)` looks like.

```
.text, #text, p{  
    color:rgb(82, 199, 82)  
}
```

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, 199, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 199, 82) }
```

Border

The CSS property to change the border of an element to Yxy 43.2499, 0.3039, 0.5169 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, 199, 82) }
```

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

```
.border{ border-color:rgb(82, 199, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 199, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 199, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 199, 82);  
box-shadow:4px 4px 4px 4px rgb(82, 199,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2499, 0.3039, 0.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 199, 82) }
```

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

```
.background{ background-color: rgb(82, 199,  
82) }
```

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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