

Converting Colors

Yxy(43.5607, 0.3087, 0.5481)

Have a look what the booklet for
Yxy(43.5607, 0.3087, 0.5481)
contains.

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Color

Yxy(43.5554, 0.3086, 0.5481)

Conversions

Conversions Part 1

Format	Color
Hex	4AC93C
RGB	74, 201, 60
RGB Percent	29%, 79%, 24%
CMY	0.7100, 0.2117, 0.7647
CMYK	0.63, 0.00, 0.70, 0.21
HSL	114°, 57%, 51%
HSV	114°, 70%, 79%
XYZ	24.5233, 43.5554, 11.3875
YIQ	146.9530, -30.4310, -70.7750

Conversions

Conversions Part 2

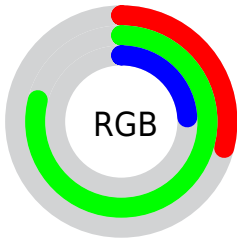
Format	Color
RYB	60, 201, 187
Decimal	4901180
CIELab	71.93, -60.70, 57.37
CIELCh	72, 83.525, 136.613
Yxy	43.5554, 0.3086, 0.5481
Android (android.graphics.Color)	4283091260 (0xFF4AC93C)
YUV	146.9530, -42.8678, -63.9798
Hunter-Lab	65.9965, -49.1661, 35.9672

Details

The Yxy color **43.5554, 0.3086, 0.5481** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **18.0188, 0.3033, 0.1673**, and the grayscale version is **29.3424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0762, 0.3153, 0.5007**, and **20.5578, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **42.7658, 0.3064, 0.5725**, and if you desaturate by 10%, it is **44.6362, 0.3104, 0.5178**.

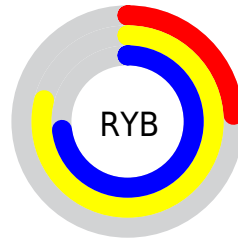
Distribution



Red (29%)

Green (79%)

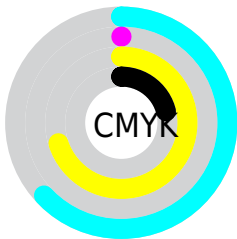
Blue (24%)



Red (24%)

Yellow (79%)

Blue (73%)

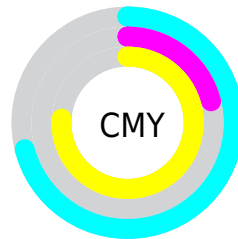


Cyan (63%)

Magenta (0%)

Yellow (70%)

Black (21%)



Cyan (71%)


Magenta (21%)

Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5554, 0.3086, 0.5481 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 43.5554, 0.3086, 0.5481 by changing the saturation by 10% instead.


 43.5554, 0.3086,
0.5481

 43.5554, 0.3086,
0.5481


360.8909, 0.3189,
0.4297


 30.3211, 0.3026,
0.5789


 80.5483, 0.3148,
0.5037


 20.0825, 0.2926,
0.6181


 105.0757, 0.3163,
0.4874

 12.4550, 0.2755,
0.6684


 134.1364, 0.3173,
0.4737

 7.0544, 0.2508,
0.7492

 168.1145, 0.3180,
0.4622

 3.4961, 0.1911,
0.8089

 207.3947, 0.3184,
0.4523

 1.3959, 0.0000,
1.0000

252.3612, 0.3187,

 0.2137, 0.0000,

0.4437

1.0000

303.3985, 0.3188,
0.4363

■ 0.0000, 0.0000,
0.0000

■ 43.5554, 0.3086,
0.5481

■ 43.5554, 0.3086,
0.5481

■ 42.7658, 0.3064,
0.5725

■ 44.6362, 0.3104,
0.5178

■ 42.2339, 0.3041,
0.5891

■ 46.0271, 0.3118,
0.4840

■ 41.9248, 0.3022,
0.5983

■ 47.7516, 0.3127,
0.4491

■ 49.8295, 0.3131,
0.4152

■ 52.2790, 0.3132,
0.3836

■ 55.1171, 0.3131,
0.3549

■ 58.3596, 0.3127,
0.3294

■ 62.0217, 0.3122,
0.3070

■ 66.1176, 0.3117,
0.2876

Harmonies

Analogous

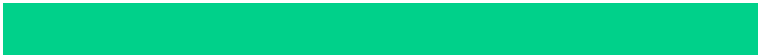
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.5554, 0.4123, 0.5273



43.5554, 0.3086, 0.5481



43.5554, 0.2110, 0.4579

Triad

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



43.5554, 0.3086, 0.5481



43.5554, 0.1411, 0.1737



43.5554, 0.5056, 0.2994

Complementary

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



43.5554, 0.3086, 0.5481



18.0188, 0.3033, 0.1673

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.



43.5554, 0.3993, 0.2346



43.5554, 0.3086, 0.5481



43.5554, 0.1895, 0.1660

Square

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



43.5554, 0.3086, 0.5481



43.5554, 0.1271, 0.2188



43.5554, 0.2781, 0.1874



43.5554, 0.5402, 0.3724

Rectangle

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



43.5554, 0.3086, 0.5481



43.5554, 0.1640, 0.3620



43.5554, 0.2781, 0.1874



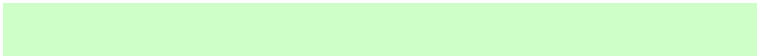
43.5554, 0.4761, 0.2766

Sweetspot

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



43.5572, 0.3086, 0.5481



88.9879, 0.3132, 0.3870



48.2458, 0.4172, 0.4719



18.7862, 0.3132, 0.3957



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.



43.5572, 0.3086, 0.5481



72.7031, 0.3053, 0.5819



44.0077, 0.2767, 0.4696



11.9373, 0.3130, 0.3528



26.3770, 0.3026, 0.5979



1.2665, 0.3110, 0.5913

Inverse Universe

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



18.0188, 0.3033, 0.1673



26.2495, 0.2997, 0.1493



17.6814, 0.4004, 0.2300



10.7612, 0.3122, 0.3061



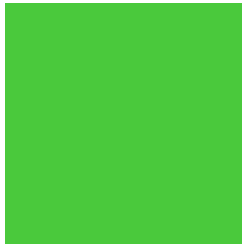
8.8585, 0.2963, 0.1406



0.4353, 0.3018, 0.1436

Previews

White Background



This preview shows how the Yxy color 43.5554, 0.3086, 0.5481 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 43.5554, 0.3086, 0.5481 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 43.5554, 0.3086, 0.5481

Background



This preview shows how black text looks on a background with the Yxy color 43.5554, 0.3086, 0.5481.



This preview shows how white text looks on a background with the Yxy color 43.5554, 0.3086, 0.5481.

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

43.5554, 0.3086, 0.5481

Protanopia

42.6527, 0.4259, 0.4690

Deuteranopia

42.4920, 0.4433, 0.4338



Tritanopia

43.4040, 0.2465, 0.3072

Trichromacy



Original Color

43.5554, 0.3086, 0.5481



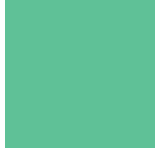
Protanomaly

41.2419, 0.3751, 0.5022



Deuteranomaly

40.6569, 0.3848, 0.4787



Tritanomaly

42.8072, 0.2716, 0.3957

Monochromacy



Original Color

43.5554, 0.3086, 0.5481



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

32.8683, 0.3130, 0.4172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5554, 0.3086, 0.5481 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(74, 201, 60)` looks like.

```
.text, #text, p{  
    color:rgb(74, 201, 60)  
}
```

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(74, 201, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 201, 60) }
```

Border

The CSS property to change the border of an element to Yxy 43.5554, 0.3086, 0.5481 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(74, 201, 60) }
```

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

```
.border{ border-color:rgb(74, 201, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 201, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 201, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 201, 60);  
box-shadow:4px 4px 4px 4px rgb(74, 201,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5554, 0.3086, 0.5481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 201, 60) }
```

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

```
.background{ background-color: rgb(74, 201,  
60) }
```

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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