

Converting Colors

Yxy(54.4803, 0.2891, 0.4943)

Have a look what the booklet for
Yxy(54.4803, 0.2891, 0.4943)
contains.

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Color

Yxy(54.4803, 0.2891, 0.4943)

Conversions

Conversions Part 1

Format	Color
Hex	4EDD6F
RGB	78, 221, 111
RGB Percent	31%, 87%, 44%
CMY	0.6943, 0.1333, 0.5647
CMYK	0.65, 0.00, 0.50, 0.13
HSL	134°, 68%, 59%
HSV	134°, 65%, 87%
XYZ	31.8638, 54.4803, 23.8730
YIQ	165.7030, -49.9180, -64.5260

Conversions

Conversions Part 2

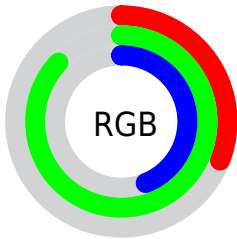
Format	Color
RYB	78, 194, 221
Decimal	5168495
CIELab	78.74, -61.03, 42.75
CIELCh	79, 74.507, 144.989
Yxy	54.4803, 0.2891, 0.4943
Android (android.graphics.Color)	4283358575 (0xFF4EDD6F)
YUV	165.7030, -26.9686, -76.9155
Hunter-Lab	73.8108, -52.1113, 32.4911

Details

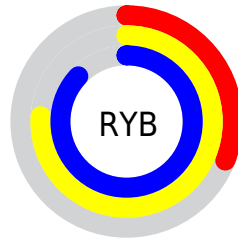
The Yxy color **54.4803, 0.2891, 0.4943** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **24.4435, 0.3583, 0.2105**, and the grayscale version is **38.1265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8631, 0.2952, 0.4412**, and **27.2365, 0.2838, 0.5416** is the 20% darker color. If you saturate the color by 10%, you get **53.3620, 0.2887, 0.5221**, and if you desaturate by 10%, it is **55.9878, 0.2909, 0.4651**.

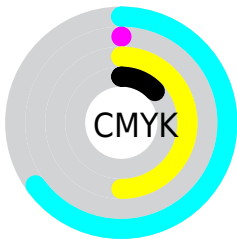
Distribution



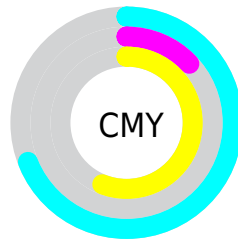
- Red (31%)
- Green (87%)
- Blue (44%)



- Red (31%)
- Yellow (76%)
- Blue (87%)



- Cyan (65%)
- Magenta (0%)
- Yellow (50%)
- Black (13%)





- Cyan (69%)
- Magenta (13%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4803, 0.2891, 0.4943 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 54.4803, 0.2891, 0.4943 by changing the saturation by 10% instead.

 54.4803, 0.2891,
0.4943


 54.4803, 0.2891,
0.4943


403.9389, 0.3048,
0.4073

 38.9858, 0.2839,
0.5169


 96.7791, 0.2958,
0.4619


 26.7487, 0.2764,
0.5461


 124.3522, 0.2980,
0.4500

 17.3846, 0.2652,
0.5851


 156.7202, 0.2997,
0.4400

 10.5091, 0.2474,
0.6387

 194.2676, 0.3011,
0.4315

 5.7378, 0.2189,
0.7212

237.3788, 0.3023,
0.4242

 2.6863, 0.1522,
0.8478

286.4382, 0.3033,

 0.9702, 0.0000,

0.4178

1.0000

341.8301, 0.3041,
0.4123

■ 0.0000, 0.0000,
0.0000

■ 54.4803, 0.2891,
0.4943

■ 54.4803, 0.2891,
0.4943

■ 53.3620, 0.2887,
0.5221

■ 55.9878, 0.2909,
0.4651

■ 52.5892, 0.2897,
0.5470

■ 57.9097, 0.2937,
0.4360


■ 52.1196, 0.2920,
0.5674

■ 60.2771, 0.2974,
0.4081


■ 51.9571, 0.2934,
0.5761


■ 63.1159, 0.3016,
0.3823

■ 66.4503, 0.3060,
0.3589

 70.3024, 0.3106,
0.3380

 74.6935, 0.3151,
0.3196

 79.6432, 0.3194,
0.3036

 80.1976, 0.3143,
0.2960

Harmonies

Analogous

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



54.4803, 0.3799, 0.5084



54.4803, 0.2891, 0.4943



54.4803, 0.2096, 0.4025

Triad

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



54.4803, 0.2891, 0.4943



54.4803, 0.1723, 0.1903



54.4803, 0.4889, 0.3250

Complementary

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



54.4803, 0.2891, 0.4943



24.4435, 0.3583, 0.2105

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.



54.4803, 0.4136, 0.2637



54.4803, 0.2891, 0.4943



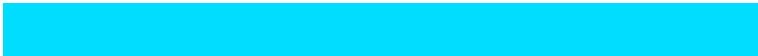
54.4803, 0.2257, 0.1900

Square

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



54.4803, 0.2891, 0.4943



54.4803, 0.1515, 0.2220



54.4803, 0.3117, 0.2160



54.4803, 0.5027, 0.3923

Rectangle

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



54.4803, 0.2891, 0.4943



54.4803, 0.1740, 0.3276



54.4803, 0.3117, 0.2160



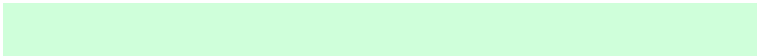
54.4803, 0.4696, 0.3036

Sweetspot

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



54.4825, 0.2891, 0.4943



89.7692, 0.3041, 0.3689



63.2155, 0.3771, 0.4918



18.9335, 0.3028, 0.3757



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.



54.4825, 0.2891, 0.4943



73.3239, 0.2889, 0.5323



56.6496, 0.2548, 0.3871



14.6553, 0.3085, 0.3475



30.1944, 0.2927, 0.5737



1.9694, 0.2840, 0.5424

Inverse Universe

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



24.4435, 0.3583, 0.2105



28.7040, 0.3713, 0.1967



22.1339, 0.4616, 0.2851



13.2207, 0.3173, 0.3112



10.6328, 0.3892, 0.1918



0.7016, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 54.4803, 0.2891, 0.4943 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 54.4803, 0.2891, 0.4943 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

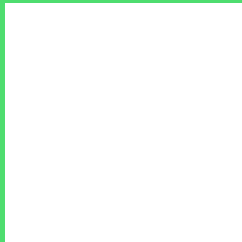
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4803, 0.2891, 0.4943

Background



This preview shows how black text looks on a background with the Yxy color 54.4803, 0.2891, 0.4943.



This preview shows how white text looks on a background with the Yxy color 54.4803, 0.2891, 0.4943.

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

54.4803, 0.2891, 0.4943

Protanopia

53.2256, 0.4002, 0.4359

Deuteranopia

53.5464, 0.4097, 0.4013



Tritanopia

53.9275, 0.2426, 0.3064

Trichromacy



Original Color

54.4803, 0.2891, 0.4943



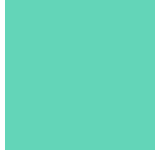
Protanomaly

51.6243, 0.3498, 0.4605



Deuteranomaly

51.0196, 0.3549, 0.4359



Tritanomaly

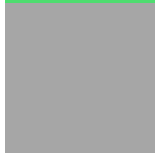
53.7018, 0.2592, 0.3703

Monochromacy



Original Color

54.4803, 0.2891, 0.4943



Achromatopsia

38.1326, 0.3127, 0.3290



Achromatomaly

42.2615, 0.3003, 0.3896

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4803, 0.2891, 0.4943 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(78, 221, 111)` looks like.

```
.text, #text, p{  
    color:rgb(78, 221, 111)  
}
```

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(78, 221, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 221, 111) }
```

Border

The CSS property to change the border of an element to Yxy 54.4803, 0.2891, 0.4943 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(78, 221, 111) }
```

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

```
.border{ border-color:rgb(78, 221, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 221, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 221, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 221, 111);  
box-shadow:4px 4px 4px 4px rgb(78, 221,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4803, 0.2891, 0.4943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 221, 111) }
```

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

```
.background{ background-color: rgb(78, 221,  
111) }
```

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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