

Converting Colors

Yxy(43.5762, 0.2803, 0.4490)

Have a look what the booklet for
Yxy(43.5762, 0.2803, 0.4490)
contains.

Yxy(43.5743, 0.2800, 0.4485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5743, 0.2800, 0.4485)

Conversions

Conversions Part 1

Format	Color
Hex	50C67D
RGB	80, 198, 125
RGB Percent	31%, 78%, 49%
CMY	0.6863, 0.2235, 0.5098
CMYK	0.60, 0.00, 0.37, 0.22
HSL	143°, 51%, 55%
HSV	143°, 60%, 78%
XYZ	27.2036, 43.5743, 26.3778
YIQ	154.3960, -46.8950, -47.7190

Conversions

Conversions Part 2

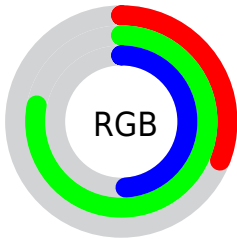
Format	Color
RYB	80, 165, 198
Decimal	5293693
CIELab	71.94, -49.56, 26.95
CIELCh	72, 56.410, 151.463
Yxy	43.5743, 0.2800, 0.4485
Android (android.graphics.Color)	4283483773 (0xFF50C67D)
YUV	154.3960, -14.4922, -65.2453
Hunter-Lab	66.0108, -41.9577, 22.5155

Details

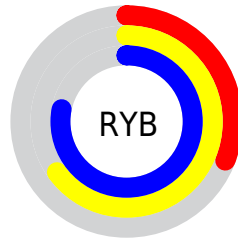
The Yxy color **43.5743, 0.2800, 0.4485** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **20.0434, 0.3786, 0.2378**, and the grayscale version is **32.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2233, 0.2874, 0.4236**, and **20.1529, 0.2692, 0.4891** is the 20% darker color. If you saturate the color by 10%, you get **42.5435, 0.2781, 0.4726**, and if you desaturate by 10%, it is **44.9012, 0.2834, 0.4248**.

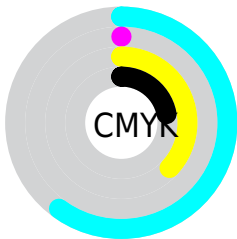
Distribution



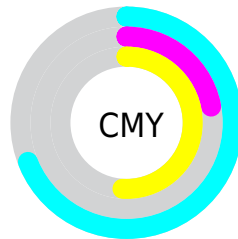
- Red (31%)
- Green (78%)
- Blue (49%)



- Red (31%)
- Yellow (65%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5743, 0.2800, 0.4485 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 43.5743, 0.2800, 0.4485 by changing the saturation by 10% instead.


 43.5743, 0.2800,
0.4485


 43.5743, 0.2800,
0.4485


360.9683, 0.2987,
0.3840


 30.3360, 0.2745,
0.4662


 80.5768, 0.2874,
0.4239


 20.0937, 0.2669,
0.4897


 105.1097, 0.2900,
0.4150

 12.4632, 0.2558,
0.5226


 134.1764, 0.2921,
0.4076

 7.0600, 0.2385,
0.5711

 168.1610, 0.2939,
0.4014

 3.4996, 0.2091,
0.6497

207.4482, 0.2954,
0.3961

 1.3978, 0.0325,
0.9675

252.4222, 0.2966,

 0.2151, 0.0000,

0.3915

1.0000

303.4674, 0.2977,
0.3875

■ 0.0000, 0.0000,
0.0000

■ 43.5743, 0.2800,
0.4485

■ 43.5743, 0.2800,
0.4485

■ 42.5435, 0.2781,
0.4726

■ 44.9012, 0.2834,
0.4248

■ 41.7790, 0.2780,
0.4962

■ 46.5404, 0.2881,
0.4020

■ 41.2538, 0.2798,
0.5183

■ 48.5131, 0.2937,
0.3809

■ 40.9170, 0.2829,
0.5382

■ 50.8373, 0.2999,
0.3615

■ 40.9050, 0.2830,
0.5389

■ 53.5295, 0.3064,
0.3440

■ 56.6051, 0.3130,
0.3284

■ 60.0787, 0.3196,
0.3147

■ 63.9642, 0.3260,
0.3026

■ 67.6624, 0.3297,
0.2917

Harmonies

Analogous

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



43.5743, 0.3564, 0.4780



43.5743, 0.2800, 0.4485



43.5743, 0.2166, 0.3695

Triad

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



43.5743, 0.2800, 0.4485



43.5743, 0.2014, 0.2095



43.5743, 0.4643, 0.3413

Complementary

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



43.5743, 0.2800, 0.4485



20.0434, 0.3786, 0.2378

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.



43.5743, 0.4118, 0.2858



43.5743, 0.2800, 0.4485



43.5743, 0.2543, 0.2137

Square

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



43.5743, 0.2800, 0.4485



43.5743, 0.1770, 0.2323



43.5743, 0.3309, 0.2408



43.5743, 0.4672, 0.4000

Rectangle

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



43.5743, 0.2800, 0.4485



43.5743, 0.1896, 0.3121



43.5743, 0.3309, 0.2408



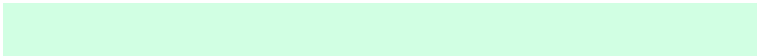
43.5743, 0.4518, 0.3221

Sweetspot

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



43.5761, 0.2800, 0.4485



90.6141, 0.3007, 0.3590



47.9116, 0.3582, 0.4889



19.1153, 0.2988, 0.3645



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.



43.5761, 0.2800, 0.4485



74.8102, 0.2779, 0.4809



45.4840, 0.2480, 0.3527



11.9537, 0.3065, 0.3436



26.6159, 0.2823, 0.5364



1.2743, 0.2703, 0.4932

Inverse Universe

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



20.0434, 0.3786, 0.2378



29.3197, 0.4009, 0.2249



18.5829, 0.4714, 0.3100



10.7454, 0.3195, 0.3148



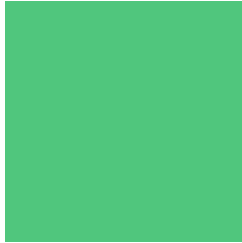
8.7466, 0.4450, 0.2225



0.4280, 0.4126, 0.2046

Previews

White Background



This preview shows how the Yxy color 43.5743, 0.2800, 0.4485 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 43.5743, 0.2800, 0.4485 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 43.5743, 0.2800, 0.4485

Background



This preview shows how black text looks on a background with the Yxy color 43.5743, 0.2800, 0.4485.



This preview shows how white text looks on a background with the Yxy color 43.5743, 0.2800, 0.4485.

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

43.5743, 0.2800, 0.4485

Protanopia

42.8449, 0.3781, 0.4084

Deuteranopia

42.7930, 0.3820, 0.3747



Tritanopia

43.2096, 0.2439, 0.3057

Trichromacy



Original Color

43.5743, 0.2800, 0.4485



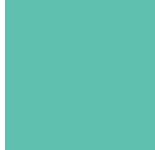
Protanomaly

41.6829, 0.3341, 0.4241



Deuteranomaly

41.2988, 0.3364, 0.4018



Tritanomaly

43.2273, 0.2571, 0.3549

Monochromacy



Original Color

43.5743, 0.2800, 0.4485



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

35.2446, 0.2968, 0.3724

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5743, 0.2800, 0.4485 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(80, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(80, 198, 125)  
}
```

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(80, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 198, 125) }
```

Border

The CSS property to change the border of an element to Yxy 43.5743, 0.2800, 0.4485 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(80, 198, 125) }
```

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

```
.border{ border-color:rgb(80, 198, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(80, 198,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5743, 0.2800, 0.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 198, 125) }
```

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

```
.background{ background-color: rgb(80, 198,  
125) }
```

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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