

Converting Colors

$Yxy(43.4697, 0.2503, 0.3849)$

Have a look what the booklet for
Yxy(43.4697, 0.2503, 0.3849)
contains.

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Color

Yxy(43.4407, 0.2504, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	3AC5A2
RGB	58, 197, 162
RGB Percent	23%, 77%, 64%
CMY	0.7726, 0.2274, 0.3648
CMYK	0.71, 0.00, 0.18, 0.23
HSL	165°, 55%, 50%
HSV	165°, 71%, 77%
XYZ	28.2314, 43.4407, 41.0731
YIQ	151.4490, -71.6090, -40.3530

Conversions

Conversions Part 2

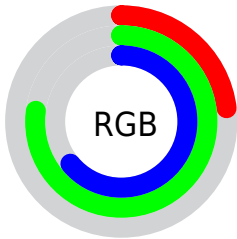
Format	Color
RYB	58, 138, 197
Decimal	3851682
CIELab	71.85, -45.07, 6.96
CIElCh	72, 45.605, 171.220
Yxy	43.4407, 0.2504, 0.3853
Android (android.graphics.Color)	4282041762 (0xFF3AC5A2)
YUV	151.4490, 5.2016, -81.9548
Hunter-Lab	65.9096, -38.8839, 9.1888

Details

The Yxy color **43.4407, 0.2504, 0.3853** 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 **15.6872, 0.4893, 0.2895**, and the grayscale version is **31.1500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1043, 0.2618, 0.3736**, and **20.4718, 0.2448, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **42.7877, 0.2478, 0.3947**, and if you desaturate by 10%, it is **44.3299, 0.2549, 0.3760**.

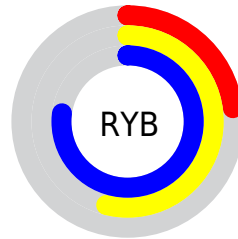
Distribution



Red (23%)

Green (77%)

Blue (64%)



Red (23%)

Yellow (54%)

Blue (77%)

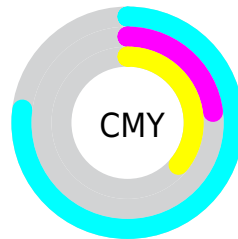


Cyan (71%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (77%)


Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4407, 0.2504, 0.3853 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 43.4407, 0.2504, 0.3853 by changing the saturation by 10% instead.


 43.4407, 0.2504,
0.3853


 43.4407, 0.2504,
0.3853


360.4210, 0.2821,
0.3560

 30.2310, 0.2423,
0.3930


 80.3755, 0.2621,
0.3744

 20.0140, 0.2319,
0.4030


 104.8694, 0.2664,
0.3704


 12.4052, 0.2179,
0.4168


 133.8935, 0.2701,
0.3670

 7.0203, 0.1981,
0.4368

 167.8322, 0.2732,
0.3642

 3.4748, 0.1687,
0.4680

 207.0699, 0.2759,
0.3617

 1.3843, 0.0594,
0.5597

251.9910, 0.2782,

 0.2051, 0.0000,

0.3596

1.0000

302.9799, 0.2803,
0.3577

0.0000, 0.0000,
0.0000

43.4407, 0.2504,
0.3853

43.4407, 0.2504,
0.3853

42.7877, 0.2478,
0.3947

44.3299, 0.2549,
0.3760

42.3382, 0.2472,
0.4041

45.4732, 0.2613,
0.3670

42.0533, 0.2480,
0.4128

46.8928, 0.2693,
0.3584

48.6068, 0.2787,
0.3502

50.6319, 0.2891,
0.3426

■ 52.9834, 0.3003,
0.3357

■ 55.6757, 0.3120,
0.3293

■ 58.7224, 0.3240,
0.3237

■ 62.1361, 0.3361,
0.3186

Harmonies

Analogous

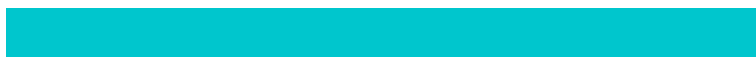
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.4407, 0.3089, 0.4369



43.4407, 0.2504, 0.3853



43.4407, 0.2111, 0.3175

Triad

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



43.4407, 0.2504, 0.3853



43.4407, 0.2474, 0.2290



43.4407, 0.4427, 0.3745

Complementary

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



43.4407, 0.2504, 0.3853



15.6872, 0.4893, 0.2895

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.



43.4407, 0.4249, 0.3249



43.4407, 0.2504, 0.3853



43.4407, 0.3055, 0.2456

Square

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



43.4407, 0.2504, 0.3853



43.4407, 0.2102, 0.2338



43.4407, 0.3723, 0.2795



43.4407, 0.4216, 0.4199

Rectangle

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



43.4407, 0.2504, 0.3853



43.4407, 0.1992, 0.2786



43.4407, 0.3723, 0.2795



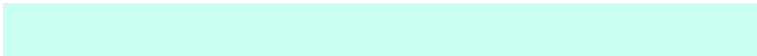
43.4407, 0.4413, 0.3579

Sweetspot

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



43.4424, 0.2504, 0.3853



90.3814, 0.2883, 0.3432



42.6766, 0.3221, 0.5400



19.1180, 0.2853, 0.3453



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.



43.4424, 0.2504, 0.3853



76.1257, 0.2472, 0.4001



31.6861, 0.2201, 0.2767



12.0201, 0.3017, 0.3349



27.6728, 0.2477, 0.4116



1.3215, 0.2423, 0.3922

Inverse Universe

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



15.6872, 0.4893, 0.2895



23.4499, 0.5496, 0.2935



19.5617, 0.5149, 0.3665



10.6800, 0.3251, 0.3232



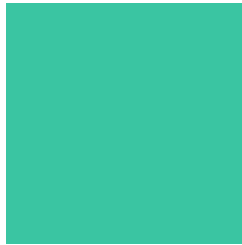
7.9685, 0.5902, 0.3025



0.3894, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 43.4407, 0.2504, 0.3853 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 43.4407, 0.2504, 0.3853 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 43.4407, 0.2504, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 43.4407, 0.2504, 0.3853.

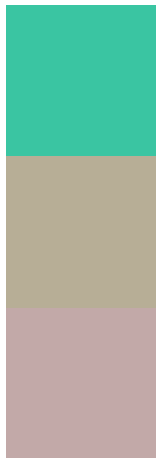


This preview shows how white text looks on a background with the Yxy color 43.4407, 0.2504, 0.3853.

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

43.4407, 0.2504, 0.3853

Protanopia

42.5414, 0.3414, 0.3616

Deuteranopia

42.6724, 0.3368, 0.3304



Tritanopia

43.3801, 0.2333, 0.3068

Trichromacy



Original Color

43.4407, 0.2504, 0.3853



Protanomaly

41.1923, 0.2976, 0.3710



Deuteranomaly

41.0131, 0.2943, 0.3480



Tritanomaly

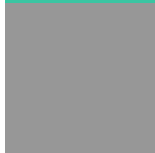
43.1972, 0.2389, 0.3334

Monochromacy



Original Color

43.4407, 0.2504, 0.3853



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

34.1537, 0.2793, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4407, 0.2504, 0.3853 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(58, 197, 162)` looks like.

```
.text, #text, p{  
    color:rgb(58, 197, 162)  
}
```

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(58, 197, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 197, 162) }
```

Border

The CSS property to change the border of an element to Yxy 43.4407, 0.2504, 0.3853 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(58, 197, 162) }
```

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

```
.border{ border-color:rgb(58, 197, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 197, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 197, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 197, 162);  
box-shadow:4px 4px 4px 4px rgb(58, 197,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4407, 0.2504, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 197, 162) }
```

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

```
.background{ background-color: rgb(58, 197,  
162) }
```

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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