

Converting Colors

$Yxy(44.0833, 0.2452, 0.3634)$

Have a look what the booklet for
Yxy(44.0833, 0.2452, 0.3634)
contains.

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Color

Yxy(44.0844, 0.2452, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	3FC5AF
RGB	63, 197, 175
RGB Percent	25%, 77%, 69%
CMY	0.7530, 0.2274, 0.3137
CMYK	0.68, 0.00, 0.11, 0.23
HSL	170°, 54%, 51%
HSV	170°, 68%, 77%
XYZ	29.7536, 44.0844, 47.5063
YIQ	154.4260, -72.8020, -35.2500

Conversions

Conversions Part 2

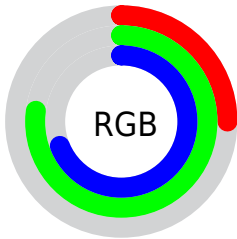
Format	Color
RYB	63, 136, 197
Decimal	4179375
CIELab	72.28, -41.04, 0.52
CIELCh	72, 41.044, 179.268
Yxy	44.0844, 0.2452, 0.3633
Android (android.graphics.Color)	4282369455 (0xFF3FC5AF)
YUV	154.4260, 10.1430, -80.1806
Hunter-Lab	66.3961, -36.2031, 4.0553

Details

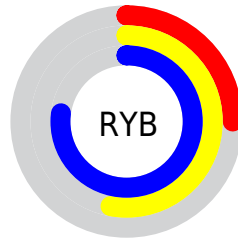
The Yxy color **44.0844, 0.2452, 0.3633** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **16.0781, 0.5006, 0.3044**, and the grayscale version is **32.4882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1088, 0.2576, 0.3573**, and **20.7761, 0.2363, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **43.4242, 0.2414, 0.3692**, and if you desaturate by 10%, it is **44.9830, 0.2509, 0.3575**.

Distribution



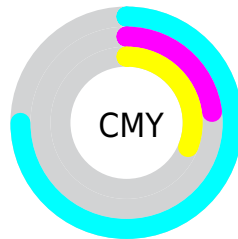
- Red (25%)
- Green (77%)
- Blue (69%)



- Red (25%)
- Yellow (53%)
- Blue (77%)



- Cyan (68%)
- Magenta (0%)
- Yellow (11%)
- Black (23%)





- Cyan (75%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0844, 0.2452, 0.3633 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 44.0844, 0.2452, 0.3633 by changing the saturation by 10% instead.


 44.0844, 0.2452,
0.3633


 44.0844, 0.2452,
0.3633


363.0526, 0.2790,
0.3461

 30.7369, 0.2368,
0.3676


 81.3447, 0.2575,
0.3570


 20.3986, 0.2260,
0.3731


 106.0263, 0.2621,
0.3547


 12.6851, 0.2118,
0.3804


 135.2547, 0.2660,
0.3527

 7.2121, 0.1921,
0.3906

 169.4143, 0.2693,
0.3510

 3.5951, 0.1634,
0.4055

 208.8895, 0.2722,
0.3495

 1.4497, 0.0890,
0.4435

254.0647, 0.2748,

 0.2529, 0.0000,

0.3482

0.5144

305.3242, 0.2770,
0.3471

■ 0.0000, 0.0000,
0.0000

■ 44.0844, 0.2452,
0.3633

■ 44.0844, 0.2452,
0.3633

■ 43.4242, 0.2414,
0.3692

■ 44.9830, 0.2509,
0.3575

■ 42.9712, 0.2396,
0.3750

■ 46.1370, 0.2584,
0.3519

■ 42.6878, 0.2394,
0.3808

■ 47.5681, 0.2676,
0.3465

■ 42.6396, 0.2394,
0.3819

■ 49.2937, 0.2781,
0.3414

■ 51.3303, 0.2898,
0.3366

■ 53.6928, 0.3023,
0.3322

■ 56.3953, 0.3153,
0.3282

■ 59.4511, 0.3287,
0.3247

■ 62.8727, 0.3421,
0.3215

Harmonies

Analogous

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



44.0844, 0.2948, 0.4153



44.0844, 0.2452, 0.3633



44.0844, 0.2151, 0.3044

Triad

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



44.0844, 0.2452, 0.3633



44.0844, 0.2665, 0.2403



44.0844, 0.4277, 0.3831

Complementary

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



44.0844, 0.2452, 0.3633



16.0781, 0.5006, 0.3044

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.



44.0844, 0.4209, 0.3381



44.0844, 0.2452, 0.3633



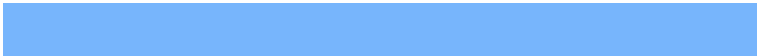
44.0844, 0.3226, 0.2602

Square

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



44.0844, 0.2452, 0.3633



44.0844, 0.2267, 0.2395



44.0844, 0.3809, 0.2948



44.0844, 0.4012, 0.4204

Rectangle

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



44.0844, 0.2452, 0.3633



44.0844, 0.2083, 0.2728



44.0844, 0.3809, 0.2948



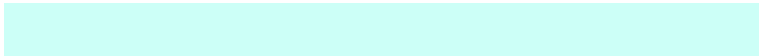
44.0844, 0.4295, 0.3684

Sweetspot

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



44.0861, 0.2452, 0.3633



91.0502, 0.2870, 0.3377



42.2389, 0.3141, 0.5386



19.2612, 0.2837, 0.3390



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.



44.0861, 0.2452, 0.3633



77.3029, 0.2402, 0.3722



27.6501, 0.2168, 0.2560



12.0365, 0.3005, 0.3328



28.0552, 0.2392, 0.3812



1.3366, 0.2359, 0.3691

Inverse Universe

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



16.0781, 0.5006, 0.3044



23.7884, 0.5644, 0.3074



22.8809, 0.4899, 0.3832



10.6649, 0.3264, 0.3252



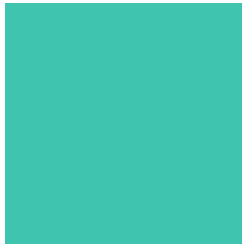
7.8857, 0.6145, 0.3159



0.3825, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 44.0844, 0.2452, 0.3633 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 44.0844, 0.2452, 0.3633 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

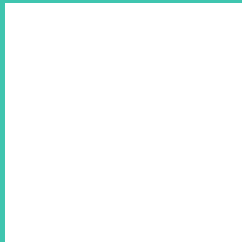
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0844, 0.2452, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 44.0844, 0.2452, 0.3633.

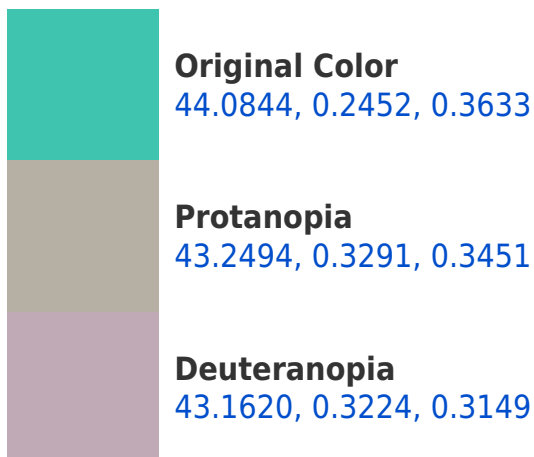


This preview shows how white text looks on a background with the Yxy color 44.0844, 0.2452, 0.3633.

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





Tritanopia

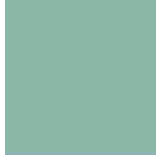
43.9156, 0.2327, 0.3055

Trichromacy



Original Color

44.0844, 0.2452, 0.3633



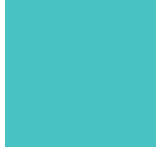
Protanomaly

42.1460, 0.2890, 0.3525



Deuteranomaly

41.8265, 0.2840, 0.3304



Tritanomaly

43.9856, 0.2370, 0.3258

Monochromacy



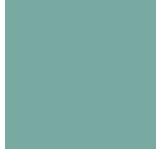
Original Color

44.0844, 0.2452, 0.3633



Achromatopsia

32.3143, 0.3127, 0.3290



Achromatomaly

35.4230, 0.2775, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0844, 0.2452, 0.3633 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(63, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(63, 197, 175)  
}
```

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(63, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 197, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.0844, 0.2452, 0.3633 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(63, 197, 175) }
```

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

```
.border{ border-color:rgb(63, 197, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(63, 197,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0844, 0.2452, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 197, 175) }
```

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

```
.background{ background-color: rgb(63, 197,  
175) }
```

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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