

Converting Colors

$Yxy(44.0484, 0.2305, 0.3243)$

Have a look what the booklet for
Yxy(44.0484, 0.2305, 0.3243)
contains.

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Color

Yxy(43.8643, 0.2304, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	35C3C6
RGB	53, 195, 198
RGB Percent	21%, 76%, 78%
CMY	0.7926, 0.2353, 0.2234
CMYK	0.73, 0.02, 0.00, 0.22
HSL	181°, 58%, 49%
HSV	181°, 73%, 78%
XYZ	31.1731, 43.8643, 60.2627
YIQ	152.8840, -85.5950, -29.1710

Conversions

Conversions Part 2

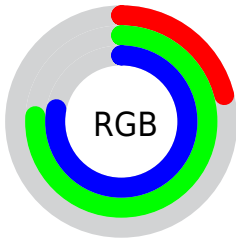
Format	Color
RYB	53, 125, 198
Decimal	3523526
CIELab	72.14, -35.09, -12.25
CIELCh	72, 37.166, 199.238
Yxy	43.8643, 0.2304, 0.3242
Android (android.graphics.Color)	4281713606 (0xFF35C3C6)
YUV	152.8840, 22.2422, -87.5983
Hunter-Lab	66.2301, -31.8865, -7.5868

Details

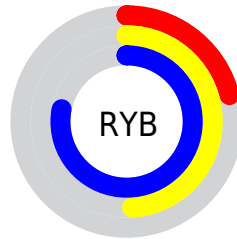
The Yxy color **43.8643, 0.2304, 0.3242** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **15.0826, 0.5588, 0.3325**, and the grayscale version is **31.7179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9784, 0.2446, 0.3254**, and **21.0634, 0.2229, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **43.2529, 0.2263, 0.3235**, and if you desaturate by 10%, it is **44.7009, 0.2364, 0.3249**.

Distribution



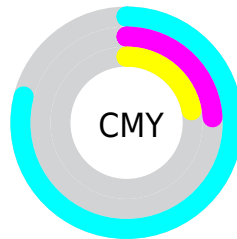
- Red (21%)
- Green (76%)
- Blue (78%)



- Red (21%)
- Yellow (49%)
- Blue (78%)



- Cyan (73%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)




- Cyan (79%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8643, 0.2304, 0.3242 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 43.8643, 0.2304, 0.3242 by changing the saturation by 10% instead.


 43.8643, 0.2304,
0.3242


 43.8643, 0.2304,
0.3242


362.1542, 0.2708,
0.3278


 30.5638, 0.2206,
0.3229


 81.0135, 0.2449,
0.3258

 20.2670, 0.2083,
0.3210

 105.6310, 0.2504,
0.3263

 12.5892, 0.1923,
0.3182


 134.7897, 0.2550,
0.3267

 7.1463, 0.1709,
0.3134

 168.8740, 0.2591,
0.3270

 3.5538, 0.1410,
0.3049

 208.2681, 0.2626,
0.3273

 1.4272, 0.0858,
0.2912

253.3566, 0.2656,

 0.2367, 0.0000,

0.3275

0.1742

304.5239, 0.2684,
0.3277

0.0000, 0.0000,
0.0000

43.8643, 0.2304,
0.3242

43.8643, 0.2304,
0.3242

43.2529, 0.2263,
0.3235

44.7009, 0.2364,
0.3249

42.8325, 0.2239,
0.3228

45.7822, 0.2444,
0.3256

42.6221, 0.2229,
0.3224

47.1310, 0.2541,
0.3263

48.7661, 0.2656,
0.3270

50.7048, 0.2785,
0.3276

■ 52.9630, 0.2926,
0.3282

■ 55.5553, 0.3076,
0.3288

■ 58.4956, 0.3232,
0.3294

■ 61.7968, 0.3391,
0.3298

Harmonies

Analogous

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



43.8643, 0.2650, 0.3776



43.8643, 0.2304, 0.3242



43.8643, 0.2170, 0.2783

Triad

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



43.8643, 0.2304, 0.3242



43.8643, 0.3039, 0.2580



43.8643, 0.4045, 0.4031

Complementary

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



43.8643, 0.2304, 0.3242



15.0826, 0.5588, 0.3325

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.



43.8643, 0.4187, 0.3658



43.8643, 0.2304, 0.3242



43.8643, 0.3580, 0.2860

Square

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



43.8643, 0.2304, 0.3242



43.8643, 0.2565, 0.2453



43.8643, 0.4016, 0.3241



43.8643, 0.3655, 0.4243

Rectangle

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



43.8643, 0.2304, 0.3242



43.8643, 0.2207, 0.2581



43.8643, 0.4016, 0.3241



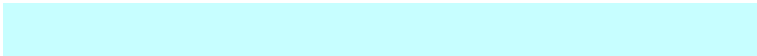
43.8643, 0.4125, 0.3918

Sweetspot

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



43.8659, 0.2304, 0.3242



90.1274, 0.2798, 0.3277



41.4308, 0.3011, 0.5579



19.0737, 0.2761, 0.3275



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.



43.8659, 0.2304, 0.3242



76.0880, 0.2246, 0.3231



19.0054, 0.1997, 0.2025



12.0283, 0.2984, 0.3285



27.7277, 0.2229, 0.3225



1.3252, 0.2233, 0.3239

Inverse Universe

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



18.4844, 0.3238, 0.1739



29.1427, 0.3254, 0.1606



27.6690, 0.4769, 0.4171



10.8127, 0.3141, 0.3067



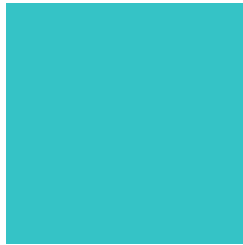
10.3391, 0.3261, 0.1570



0.4908, 0.3250, 0.1564

Previews

White Background



This preview shows how the Yxy color 43.8643, 0.2304, 0.3242 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 43.8643, 0.2304, 0.3242 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

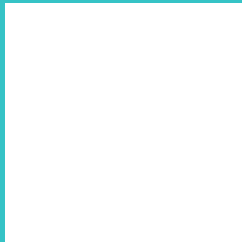
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8643, 0.2304, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 43.8643, 0.2304, 0.3242.

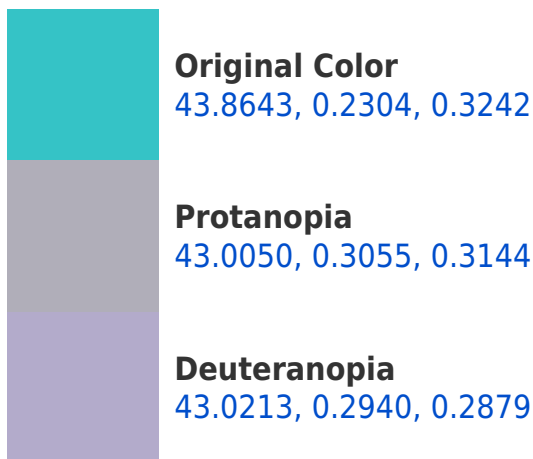


This preview shows how white text looks on a background with the Yxy color 43.8643, 0.2304, 0.3242.

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

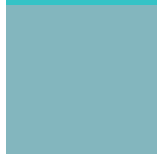
43.7040, 0.2266, 0.3052

Trichromacy



Original Color

43.8643, 0.2304, 0.3242



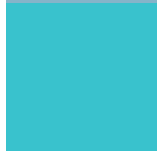
Protanomaly

41.9989, 0.2674, 0.3174



Deuteranomaly

41.8461, 0.2614, 0.2993



Tritanomaly

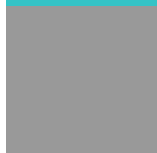
43.8612, 0.2279, 0.3124

Monochromacy



Original Color

43.8643, 0.2304, 0.3242



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

34.6517, 0.2692, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8643, 0.2304, 0.3242 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(53, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(53, 195, 198)  
}
```

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(53, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.8643, 0.2304, 0.3242 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(53, 195, 198) }
```

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

```
.border{ border-color:rgb(53, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(53, 195,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8643, 0.2304, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 195, 198) }
```

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

```
.background{ background-color: rgb(53, 195,  
198) }
```

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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