

Converting Colors

$Yxy(43.0446, 0.2325, 0.3512)$

Have a look what the booklet for
Yxy(43.0446, 0.2325, 0.3512)
contains.

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Color

Yxy(43.0167, 0.2325, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	15C4B6
RGB	21, 196, 182
RGB Percent	8%, 77%, 71%
CMY	0.9167, 0.2314, 0.2864
CMYK	0.89, 0.00, 0.07, 0.23
HSL	175°, 80%, 43%
HSV	175°, 89%, 77%
XYZ	28.4940, 43.0167, 51.0440
YIQ	142.0790, -99.8060, -41.4540

Conversions

Conversions Part 2

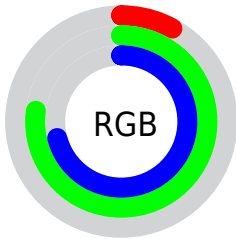
Format	Color
RYB	21, 112, 196
Decimal	1426614
CIELab	71.57, -42.80, -4.39
CIElCh	72, 43.028, 185.856
Yxy	43.0167, 0.2325, 0.3510
Android (android.graphics.Color)	4279616694 (0xFF15C4B6)
YUV	142.0790, 19.6811, -106.1863
Hunter-Lab	65.5871, -37.2291, -0.2322

Details

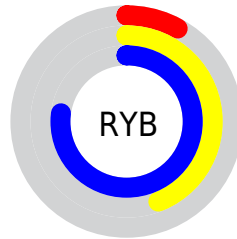
The Yxy color **43.0167, 0.2325, 0.3510** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **12.4034, 0.6060, 0.3220**, and the grayscale version is **27.0607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5494, 0.2468, 0.3467**, and **20.6347, 0.2319, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **42.8022, 0.2317, 0.3537**, and if you desaturate by 10%, it is **43.3897, 0.2348, 0.3483**.

Distribution



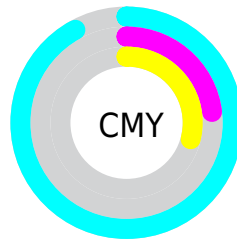
- Red (8%)
- Green (77%)
- Blue (71%)



- Red (8%)
- Yellow (44%)
- Blue (77%)



- Cyan (89%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)





- Cyan (92%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0167, 0.2325, 0.3510 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 43.0167, 0.2325, 0.3510 by changing the saturation by 10% instead.


 43.0167, 0.2325,
0.3510


 43.0167, 0.2325,
0.3510


358.6804, 0.2724,
0.3406


 29.8982, 0.2227,
0.3534


 79.7361, 0.2469,
0.3474


 19.7613, 0.2102,
0.3563


 104.1057, 0.2523,
0.3460

 12.2217, 0.1938,
0.3599


 132.9946, 0.2570,
0.3447

 6.8948, 0.1716,
0.3644

 166.7870, 0.2609,
0.3437

 3.3964, 0.1399,
0.3698

 205.8674, 0.2643,
0.3428

 1.3420, 0.0503,
0.3925

250.6202, 0.2674,

 0.1734, 0.0000,

0.3420

0.2591

301.4297, 0.2700,
0.3412

■ 0.0000, 0.0000,
0.0000

■ 43.0167, 0.2325,
0.3510

■ 43.0167, 0.2325,
0.3510

■ 42.8022, 0.2317,
0.3537

■ 43.3897, 0.2348,
0.3483

■ 42.7864, 0.2316,
0.3539

■ 43.9620, 0.2390,
0.3456

■ 44.7615, 0.2450,
0.3429

■ 45.8106, 0.2530,
0.3402

■ 47.1288, 0.2626,
0.3377

■ 48.7340, 0.2738,
0.3352

■ 50.6422, 0.2863,
0.3329

■ 52.8685, 0.2998,
0.3308

■ 55.4269, 0.3139,
0.3288

Harmonies

Analogous

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



43.0167, 0.2808, 0.4108



43.0167, 0.2325, 0.3510



43.0167, 0.2065, 0.2906

Triad

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



43.0167, 0.2325, 0.3510



43.0167, 0.2757, 0.2390



43.0167, 0.4306, 0.3951

Complementary

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



43.0167, 0.2325, 0.3510



12.4034, 0.6060, 0.3220

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.



43.0167, 0.4319, 0.3486



43.0167, 0.2325, 0.3510



43.0167, 0.3371, 0.2635

Square

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



43.0167, 0.2325, 0.3510



43.0167, 0.2296, 0.2333



43.0167, 0.3965, 0.3023



43.0167, 0.3959, 0.4314

Rectangle

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



43.0167, 0.2325, 0.3510



43.0167, 0.2033, 0.2608



43.0167, 0.3965, 0.3023



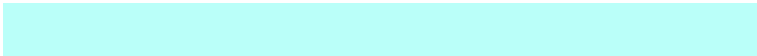
43.0167, 0.4352, 0.3801

Sweetspot

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



43.0183, 0.2325, 0.3510



88.8472, 0.2759, 0.3348



39.9063, 0.3036, 0.5882



18.7810, 0.2718, 0.3356



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.



43.0183, 0.2325, 0.3510



77.4916, 0.2318, 0.3543



18.3578, 0.1919, 0.2026



11.4141, 0.2995, 0.3308



27.4981, 0.2315, 0.3535



1.1923, 0.2299, 0.3475

Inverse Universe

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



12.4034, 0.6060, 0.3220



21.3122, 0.6336, 0.3264



19.8051, 0.5399, 0.3974



10.0907, 0.3277, 0.3272



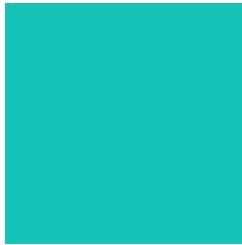
7.5695, 0.6300, 0.3244



0.3316, 0.5962, 0.3058

Previews

White Background



This preview shows how the Yxy color 43.0167, 0.2325, 0.3510 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 43.0167, 0.2325, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

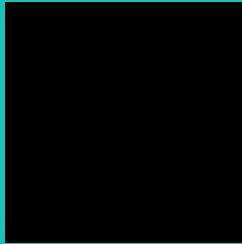
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

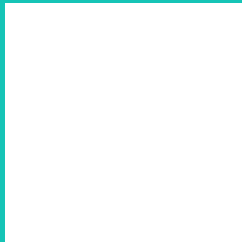
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0167, 0.2325, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 43.0167, 0.2325, 0.3510.

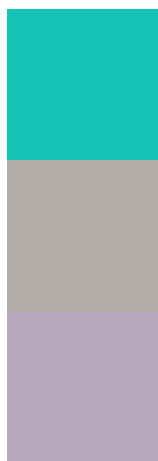


This preview shows how white text looks on a background with the Yxy color 43.0167, 0.2325, 0.3510.

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

43.0167, 0.2325, 0.3510

Protanopia

42.2167, 0.3206, 0.3344

Deuteranopia

42.1971, 0.3103, 0.3043



Tritanopia

42.9314, 0.2241, 0.3050

Trichromacy



Original Color

43.0167, 0.2325, 0.3510



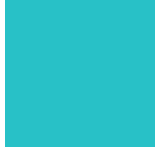
Protanomaly

40.1687, 0.2709, 0.3395



Deuteranomaly

40.1453, 0.2653, 0.3185



Tritanomaly

42.7146, 0.2264, 0.3196

Monochromacy



Original Color

43.0167, 0.2325, 0.3510



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

30.8717, 0.2628, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0167, 0.2325, 0.3510 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(21, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(21, 196, 182)  
}
```

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(21, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 196, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.0167, 0.2325, 0.3510 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(21, 196, 182) }
```

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

```
.border{ border-color:rgb(21, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 196, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 196, 182);  
box-shadow:4px 4px 4px 4px rgb(21, 196,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0167, 0.2325, 0.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 196, 182) }
```

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

```
.background{ background-color: rgb(21, 196,  
182) }
```

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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