

Converting Colors

$Y_{xy}(43.1270, 0.2280, 0.3408)$

Have a look what the booklet for
Yxy(43.1270, 0.2280, 0.3408)
contains.

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Color

Yxy(43.1107, 0.2282, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	01C4BC
RGB	1, 196, 188
RGB Percent	0%, 77%, 74%
CMY	0.9966, 0.2314, 0.2627
CMYK	1.00, 0.00, 0.04, 0.23
HSL	178°, 99%, 39%
HSV	178°, 100%, 77%
XYZ	28.8247, 43.1107, 54.3778
YIQ	136.7830, -113.6520, -43.8280

Conversions

Conversions Part 2

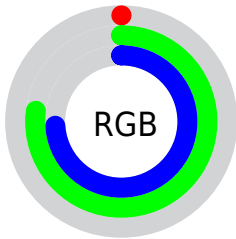
Format	Color
RYB	1, 101, 196
Decimal	115900
CIELab	71.63, -41.79, -7.59
CIELCh	72, 42.472, 190.297
Yxy	43.1107, 0.2282, 0.3413
Android (android.graphics.Color)	4278305980 (0xFF01C4BC)
YUV	136.7830, 25.2500, -119.0817
Hunter-Lab	65.6587, -36.5400, -3.1422

Details

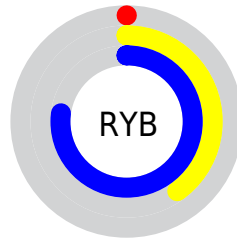
The Yxy color **43.1107, 0.2282, 0.3413** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **11.7731, 0.6354, 0.3278**, and the grayscale version is **24.8486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6658, 0.2431, 0.3395**, and **20.7990, 0.2282, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **43.1051, 0.2282, 0.3414**, and if you desaturate by 10%, it is **43.2952, 0.2293, 0.3400**.

Distribution



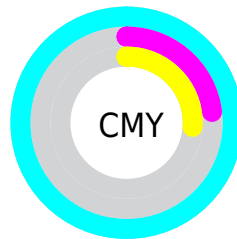
- Red (0%)
- Green (77%)
- Blue (74%)



- Red (0%)
- Yellow (40%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1107, 0.2282, 0.3413 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 43.1107, 0.2282, 0.3413 by changing the saturation by 10% instead.


 43.1107, 0.2282,
0.3413


 43.1107, 0.2282,
0.3413


359.0668, 0.2700,
0.3361


 29.9720, 0.2180,
0.3423


 79.8779, 0.2432,
0.3397


 19.8173, 0.2051,
0.3433


 104.2751, 0.2489,
0.3390


 12.2623, 0.1883,
0.3442


 133.1940, 0.2537,
0.3384

 6.9226, 0.1656,
0.3449

 167.0189, 0.2579,
0.3378

 3.4137, 0.1338,
0.3441

 206.1343, 0.2615,
0.3373

 1.3514, 0.0529,
0.3512

250.9245, 0.2647,

 0.1805, 0.0000,

0.3369

0.1988

301.7738, 0.2675,
0.3365

■ 0.0000, 0.0000,
0.0000

■ 43.1107, 0.2282,
0.3413

■ 43.1107, 0.2282,
0.3413

■ 43.1051, 0.2282,
0.3414

■ 43.2952, 0.2293,
0.3400

■ 43.6289, 0.2318,
0.3386

■ 44.1620, 0.2362,
0.3373

■ 44.9208, 0.2424,
0.3360

■ 45.9278, 0.2505,
0.3346

■ 47.2027, 0.2605,
0.3334

■ 48.7633, 0.2720,
0.3321

■ 50.6257, 0.2848,
0.3310

■ 52.8051, 0.2987,
0.3299

Harmonies

Analogous

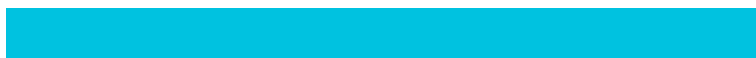
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.1107, 0.2732, 0.4021



43.1107, 0.2282, 0.3413



43.1107, 0.2061, 0.2838

Triad

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



43.1107, 0.2282, 0.3413



43.1107, 0.2845, 0.2425



43.1107, 0.4258, 0.4007

Complementary

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



43.1107, 0.2282, 0.3413



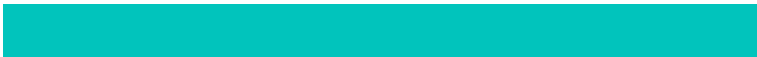
11.7731, 0.6354, 0.3278

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.



43.1107, 0.4325, 0.3555



43.1107, 0.2282, 0.3413



43.1107, 0.3461, 0.2692

Square

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



43.1107, 0.2282, 0.3413



43.1107, 0.2361, 0.2340



43.1107, 0.4025, 0.3091



43.1107, 0.3877, 0.4336

Rectangle

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



43.1107, 0.2282, 0.3413



43.1107, 0.2053, 0.2566



43.1107, 0.4025, 0.3091



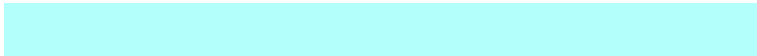
43.1107, 0.4321, 0.3863

Sweetspot

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



43.1123, 0.2282, 0.3413



88.0641, 0.2708, 0.3323



39.5464, 0.3010, 0.5989



18.5807, 0.2658, 0.3328



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.



43.1123, 0.2282, 0.3413



78.0854, 0.2282, 0.3416



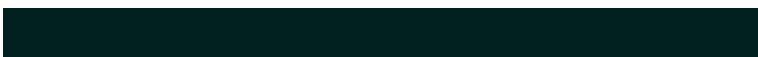
14.7562, 0.1820, 0.1749



11.4211, 0.2990, 0.3299



27.7030, 0.2281, 0.3412



1.1992, 0.2273, 0.3382

Inverse Universe

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



11.7731, 0.6354, 0.3278



21.2829, 0.6372, 0.3284



18.8280, 0.5550, 0.3971



10.0844, 0.3283, 0.3281



7.5552, 0.6350, 0.3272



0.3288, 0.6166, 0.3171

Previews

White Background



This preview shows how the Yxy color 43.1107, 0.2282, 0.3413 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 43.1107, 0.2282, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

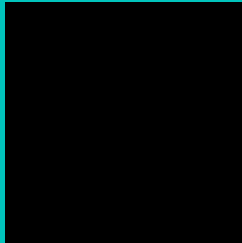
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

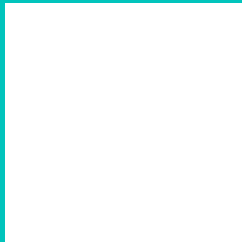
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1107, 0.2282, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 43.1107, 0.2282, 0.3413.

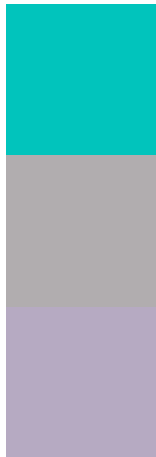


This preview shows how white text looks on a background with the Yxy color 43.1107, 0.2282, 0.3413.

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

43.1171, 0.2282, 0.3413

Protanopia

42.3294, 0.3146, 0.3263

Deuteranopia

42.5896, 0.3036, 0.2979



Tritanopia

43.2356, 0.2224, 0.3050

Trichromacy



Original Color

43.1171, 0.2282, 0.3413



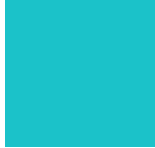
Protanomaly

39.8537, 0.2617, 0.3304



Deuteranomaly

39.7590, 0.2557, 0.3096



Tritanomaly

43.0336, 0.2239, 0.3181

Monochromacy



Original Color

43.1171, 0.2282, 0.3413



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

28.9287, 0.2556, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1107, 0.2282, 0.3413 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(1, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(1, 196, 188)  
}
```

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(1, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 196, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.1107, 0.2282, 0.3413 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(1, 196, 188) }
```

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

```
.border{ border-color:rgb(1, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(1, 196,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1107, 0.2282, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 196, 188) }
```

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

```
.background{ background-color: rgb(1, 196,  
188) }
```

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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