

Converting Colors

$Yxy(43.1885, 0.2281, 0.3152)$

Have a look what the booklet for
Yxy(43.1885, 0.2281, 0.3152)
contains.

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Color

Yxy(43.1885, 0.2281, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	36C1CA
RGB	54, 193, 202
RGB Percent	21%, 76%, 79%
CMY	0.7881, 0.2431, 0.2078
CMYK	0.73, 0.04, 0.00, 0.21
HSL	184°, 58%, 50%
HSV	184°, 73%, 79%
XYZ	31.2541, 43.1885, 62.5767
YIQ	152.4650, -85.7330, -26.6690

Conversions

Conversions Part 2

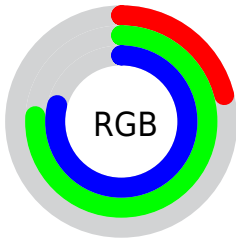
Format	Color
RYB	54, 126, 202
Decimal	3588554
CIELab	71.68, -32.83, -15.11
CIELCh	72, 36.140, 204.707
Yxy	43.1885, 0.2281, 0.3152
Android (android.graphics.Color)	4281778634 (0xFF36C1CA)
YUV	152.4650, 24.4208, -86.3538
Hunter-Lab	65.7180, -30.1155, -10.4535

Details

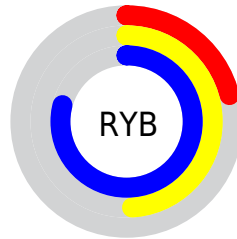
The Yxy color **43.1885, 0.2281, 0.3152** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **16.3853, 0.5535, 0.3383**, and the grayscale version is **31.5348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8022, 0.2445, 0.3230**, and **20.6034, 0.2195, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **42.2002, 0.2235, 0.3131**, and if you desaturate by 10%, it is **44.4165, 0.2346, 0.3173**.

Distribution



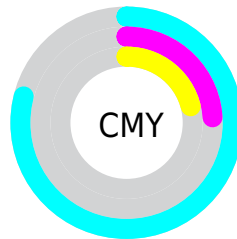
- Red (21%)
- Green (76%)
- Blue (79%)



- Red (21%)
- Yellow (49%)
- Blue (79%)



- Cyan (73%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)





- Cyan (79%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1885, 0.2281, 0.3152 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 43.1885, 0.2281, 0.3152 by changing the saturation by 10% instead.

 43.1885, 0.2281,
0.3152


 43.1885, 0.2281,
0.3152


359.3864, 0.2696,
0.3235

 30.0330, 0.2181,
0.3127


 79.9952, 0.2429,
0.3185


 19.8637, 0.2055,
0.3093


 104.4153, 0.2486,
0.3197


 12.2960, 0.1892,
0.3044


 133.3590, 0.2534,
0.3206

 6.9456, 0.1673,
0.2967

 167.2108, 0.2575,
0.3214

 3.4281, 0.1371,
0.2840

 206.3551, 0.2611,
0.3220

 1.3591, 0.0829,
0.2632

251.1761, 0.2643,

 0.1863, 0.0000,

0.3226

0.1262

302.0584, 0.2671,
0.3231

■ 0.0000, 0.0000,
0.0000

■ 43.1885, 0.2281,
0.3152

■ 43.1885, 0.2281,
0.3152

■ 42.2002, 0.2235,
0.3131

■ 44.4165, 0.2346,
0.3173

■ 41.4160, 0.2206,
0.3111

■ 45.9052, 0.2431,
0.3193

■ 40.9658, 0.2194,
0.3098

■ 47.6782, 0.2533,
0.3213

■ 49.7556, 0.2651,
0.3233

■ 52.1553, 0.2783,
0.3252

■ 54.8940, 0.2926,
0.3269

■ 57.9871, 0.3077,
0.3285

■ 61.4493, 0.3232,
0.3300

■ 65.2941, 0.3390,
0.3313

Harmonies

Analogous

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



43.1885, 0.2586, 0.3673



43.1885, 0.2281, 0.3152



43.1885, 0.2190, 0.2732

Triad

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



43.1885, 0.2281, 0.3152



43.1885, 0.3137, 0.2634



43.1885, 0.3971, 0.4069

Complementary

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



43.1885, 0.2281, 0.3152



16.3853, 0.5535, 0.3383

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.



43.1885, 0.4160, 0.3725



43.1885, 0.2281, 0.3152



43.1885, 0.3661, 0.2932

Square

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



43.1885, 0.2281, 0.3152



43.1885, 0.2651, 0.2480



43.1885, 0.4048, 0.3318



43.1885, 0.3559, 0.4231

Rectangle

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



43.1885, 0.2281, 0.3152



43.1885, 0.2252, 0.2558



43.1885, 0.4048, 0.3318



43.1885, 0.4064, 0.3968

Sweetspot

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



43.1901, 0.2281, 0.3152



88.7067, 0.2797, 0.3253



43.3761, 0.2994, 0.5527



18.7327, 0.2759, 0.3248



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.



43.1901, 0.2281, 0.3152



70.6089, 0.2216, 0.3119



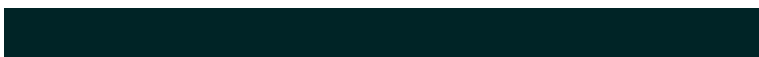
18.6329, 0.1975, 0.1939



12.6054, 0.2984, 0.3275



26.4036, 0.2195, 0.3100



1.3984, 0.2206, 0.3140

Inverse Universe

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



19.0499, 0.3311, 0.1787



28.5896, 0.3348, 0.1660



30.2712, 0.4715, 0.4229



11.3915, 0.3147, 0.3075



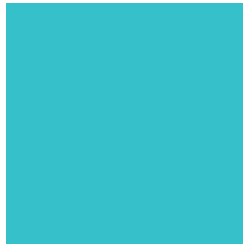
10.4685, 0.3367, 0.1628



0.5437, 0.3333, 0.1610

Previews

White Background



This preview shows how the Yxy color 43.1885, 0.2281, 0.3152 looks on a white background.

Color Contrast Check

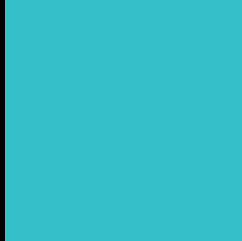
Large Text (above 18pt) WCAG AA × Fail

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 43.1885, 0.2281, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

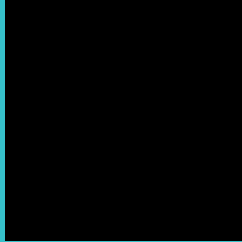
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1885, 0.2281, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 43.1885, 0.2281, 0.3152.

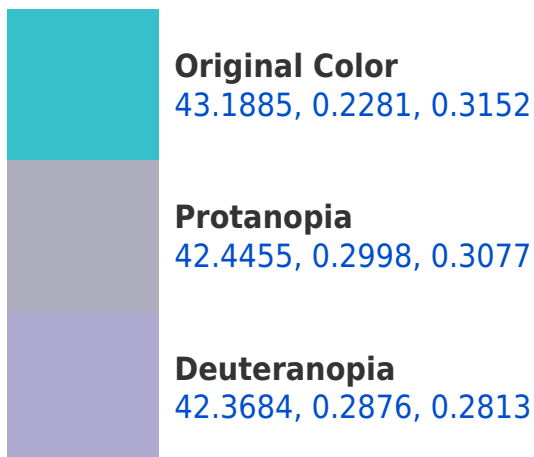


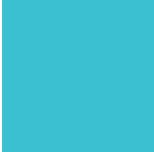
This preview shows how white text looks on a background with the Yxy color 43.1885, 0.2281, 0.3152.

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

43.1529, 0.2261, 0.3051

Trichromacy



Original Color

43.1885, 0.2281, 0.3152



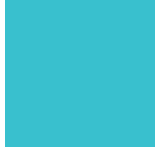
Protanomaly

41.2834, 0.2638, 0.3088



Deuteranomaly

41.0739, 0.2572, 0.2910



Tritanomaly

43.0254, 0.2267, 0.3079

Monochromacy



Original Color

43.1885, 0.2281, 0.3152



Achromatopsia

31.3989, 0.3127, 0.3290



Achromatomaly

34.2527, 0.2676, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1885, 0.2281, 0.3152 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(54, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(54, 193, 202)  
}
```

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(54, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 193, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.1885, 0.2281, 0.3152 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(54, 193, 202) }
```

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

```
.border{ border-color:rgb(54, 193, 202) }
```

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

Here you see how a box with a 4 pixel rgb(54, 193, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(54, 193,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1885, 0.2281, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 193, 202) }
```

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

```
.background{ background-color: rgb(54, 193,  
202) }
```

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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