

Converting Colors

$Y_{xy}(43.4762, 0.2263, 0.3345)$

Have a look what the booklet for
Yxy(43.4762, 0.2263, 0.3345)
contains.

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Color

Yxy(43.3366, 0.2260, 0.3334)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 01C4C1 |
| RGB | 1, 196, 193 |
| RGB Percent | 0%, 77%, 76% |
| CMY | 0.9968, 0.2313, 0.2431 |
| CMYK | 1.00, 0.00, 0.02, 0.23 |
| HSL | 179°, 99%, 39% |
| HSV | 179°, 100%, 77% |
| XYZ | 29.3763, 43.3366, 57.2709 |
| YIQ | 137.3530, -115.2570, -42.2730 |

Conversions

Conversions Part 2

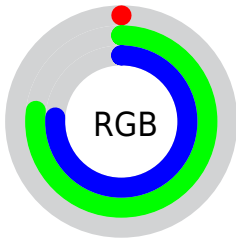
| Format | Color |
|-------------------------------------|--|
| RYB | 1, 99, 196 |
| Decimal | 115905 |
| CIELab | 71.78, -40.32, -10.09 |
| CIElCh | 72, 41.562, 194.056 |
| Yxy | 43.3366, 0.2260, 0.3334 |
| Android (android.graphics.Color) | 4278305985 (0xFF01C4C1) |
| YUV | 137.3530, 27.4340, -119.5816 |
| Hunter-Lab | 65.8305, -35.5493, -5.4994 |

Details

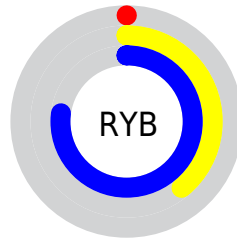
The Yxy color **43.3366, 0.2260, 0.3334** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **11.7626, 0.6379, 0.3291**, and the grayscale version is **25.0628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0332, 0.2414, 0.3335**, and **20.9432, 0.2252, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **43.3324, 0.2260, 0.3334**, and if you desaturate by 10%, it is **43.4995, 0.2273, 0.3329**.

Distribution



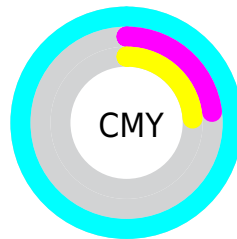
- Red (0%)
- Green (77%)
- Blue (76%)



- Red (0%)
- Yellow (39%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)




- Cyan (100%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3366, 0.2260, 0.3334 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 43.3366, 0.2260, 0.3334 by changing the saturation by 10% instead.


 43.3366, 0.2260,
0.3334


 43.3366, 0.2260,
0.3334


359.9942, 0.2687,
0.3324

 30.1493, 0.2157,
0.3332


 80.2186, 0.2413,
0.3333

 19.9519, 0.2026,
0.3328


 104.6820, 0.2471,
0.3332

 12.3601, 0.1857,
0.3318


 133.6730, 0.2520,
0.3331

 6.9894, 0.1629,
0.3295

 167.5758, 0.2563,
0.3330

 3.4555, 0.1314,
0.3244

 206.7750, 0.2600,
0.3328

 1.3739, 0.0597,
0.3207

251.6548, 0.2632,

 0.1974, 0.0000,

0.3327

0.1765

302.5998, 0.2661,
0.3326

■ 0.0000, 0.0000,
0.0000

■ 43.3366, 0.2260,
0.3334

■ 43.3366, 0.2260,
0.3334

■ 43.3324, 0.2260,
0.3334

■ 43.4995, 0.2273,
0.3329

■ 43.8113, 0.2300,
0.3324

■ 44.3222, 0.2345,
0.3319

■ 45.0585, 0.2409,
0.3315

■ 46.0429, 0.2492,
0.3310

■ 47.2950, 0.2593,
0.3305

■ 48.8326, 0.2710,
0.3301

■ 50.6719, 0.2841,
0.3297

■ 52.8279, 0.2983,
0.3293

Harmonies

Analogous

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



43.3366, 0.2677, 0.3936



43.3366, 0.2260, 0.3334



43.3366, 0.2073, 0.2792

Triad

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



43.3366, 0.2260, 0.3334



43.3366, 0.2924, 0.2466



43.3366, 0.4202, 0.4043

Complementary

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



43.3366, 0.2260, 0.3334



11.7626, 0.6379, 0.3291

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.



43.3366, 0.4309, 0.3610



43.3366, 0.2260, 0.3334



43.3366, 0.3530, 0.2748

Square

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



43.3366, 0.2260, 0.3334



43.3366, 0.2426, 0.2359



43.3366, 0.4059, 0.3152



43.3366, 0.3800, 0.4336

Rectangle

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



43.3366, 0.2260, 0.3334



43.3366, 0.2086, 0.2544



43.3366, 0.4059, 0.3152



43.3366, 0.4276, 0.3907

Sweetspot

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



43.3382, 0.2260, 0.3334



88.1887, 0.2699, 0.3301



39.5105, 0.3003, 0.5994



18.6111, 0.2647, 0.3303



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.



43.3382, 0.2260, 0.3334



78.4901, 0.2260, 0.3335



13.4276, 0.1788, 0.1634



11.4257, 0.2986, 0.3293



27.8424, 0.2259, 0.3334



1.2039, 0.2256, 0.3323

Inverse Universe

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



11.7626, 0.6379, 0.3291



21.2686, 0.6390, 0.3294



19.9510, 0.5453, 0.4048



10.0803, 0.3287, 0.3287



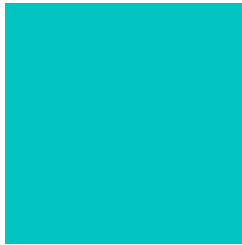
7.5462, 0.6381, 0.3289



0.3269, 0.6310, 0.3250

Previews

White Background



This preview shows how the Yxy color 43.3366, 0.2260, 0.3334 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 43.3366, 0.2260, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

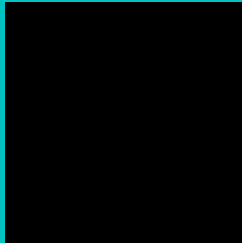
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

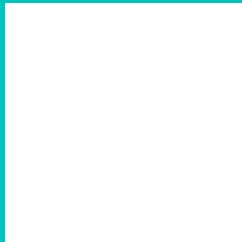
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3366, 0.2260, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 43.3366, 0.2260, 0.3334.

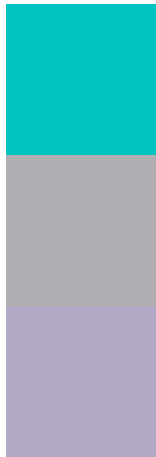


This preview shows how white text looks on a background with the Yxy color 43.3366, 0.2260, 0.3334.

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

43.3366, 0.2260, 0.3334

Protanopia

42.7569, 0.3104, 0.3223

Deuteranopia

42.5763, 0.2979, 0.2915



Tritanopia

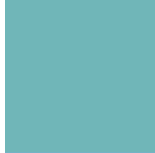
43.5991, 0.2221, 0.3065

Trichromacy



Original Color

43.3366, 0.2260, 0.3334



Protanomaly

40.3613, 0.2588, 0.3258



Deuteranomaly

39.9163, 0.2521, 0.3025



Tritanomaly

43.5362, 0.2231, 0.3166

Monochromacy



Original Color

43.3366, 0.2260, 0.3334



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

28.9143, 0.2543, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3366, 0.2260, 0.3334 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(1, 196, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 196, 193) }
```

Border

The CSS property to change the border of an element to Yxy 43.3366, 0.2260, 0.3334 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, 193) }
```

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

```
.border{ border-color:rgb(1, 196, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 196, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 196, 193);  
box-shadow:4px 4px 4px 4px rgb(1, 196,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3366, 0.2260, 0.3334 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, 193) }
```

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

```
.background{ background-color: rgb(1, 196,  
193) }
```

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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