

Converting Colors

$Yxy(41.9944, 0.2094, 0.3405)$

Have a look what the booklet for
Yxy(41.9944, 0.2094, 0.3405)
contains.

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Color

Yxy(43.6502, 0.2277, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	00C5BE
RGB	0, 197, 190
RGB Percent	0%, 77%, 75%
CMY	0.9999, 0.2274, 0.2550
CMYK	1.00, 0.00, 0.04, 0.23
HSL	178°, 100%, 39%
HSV	178°, 100%, 77%
XYZ	29.2586, 43.6502, 55.5875
YIQ	137.2990, -115.1650, -43.9410

Conversions

Conversions Part 2

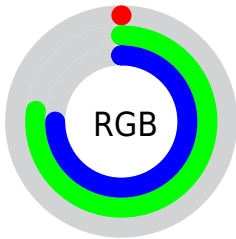
Format	Color
RYB	0, 100, 197
Decimal	50622
CIELab	71.99, -41.68, -8.13
CIELCh	72, 42.466, 191.040
Yxy	43.6502, 0.2277, 0.3397
Android (android.graphics.Color)	4278240702 (0xFF00C5BE)
YUV	137.2990, 25.9816, -120.4112
Hunter-Lab	66.0683, -36.5701, -3.6367

Details

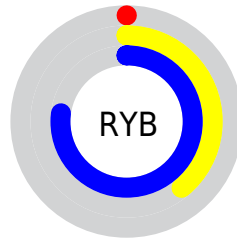
The Yxy color **43.6502, 0.2277, 0.3397** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **11.8867, 0.6366, 0.3281**, and the grayscale version is **25.0697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4805, 0.2429, 0.3382**, and **21.1521, 0.2276, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **43.6517, 0.2277, 0.3397**, and if you desaturate by 10%, it is **43.8283, 0.2288, 0.3386**.

Distribution



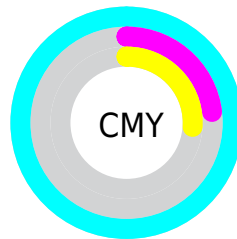
- Red (0%)
- Green (77%)
- Blue (75%)



- Red (0%)
- Yellow (39%)
- 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 43.6502, 0.2277, 0.3397 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 43.6502, 0.2277, 0.3397 by changing the saturation by 10% instead.


 43.6502, 0.2277,
0.3397


 43.6502, 0.2277,
0.3397


361.2789, 0.2696,
0.3354


 30.3956, 0.2175,
0.3404


 80.6911, 0.2427,
0.3384

 20.1391, 0.2046,
0.3411


 105.2462, 0.2484,
0.3378


 12.4962, 0.1879,
0.3417

 134.3370, 0.2533,
0.3373

 7.0825, 0.1654,
0.3417

 168.3477, 0.2575,
0.3369

 3.5138, 0.1339,
0.3401

 207.6629, 0.2611,
0.3364

 1.4055, 0.0598,
0.3435

252.6669, 0.2643,

 0.2208, 0.0000,

0.3361

0.2144

303.7441, 0.2671,
0.3357

■ 0.0000, 0.0000,
0.0000

■ 43.6502, 0.2277,
0.3397

■ 43.6502, 0.2277,
0.3397

■ 43.6517, 0.2277,
0.3397

■ 43.8283, 0.2288,
0.3386

■ 44.1529, 0.2313,
0.3374

■ 44.6779, 0.2356,
0.3362

■ 45.4302, 0.2418,
0.3351

■ 46.4327, 0.2499,
0.3339

■ 47.7055, 0.2597,
0.3328

■ 49.2666, 0.2712,
0.3318

■ 51.1327, 0.2841,
0.3308

■ 53.3188, 0.2980,
0.3298

Harmonies

Analogous

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



43.6502, 0.2720, 0.4004



43.6502, 0.2277, 0.3397



43.6502, 0.2063, 0.2828

Triad

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



43.6502, 0.2277, 0.3397



43.6502, 0.2861, 0.2433



43.6502, 0.4248, 0.4015

Complementary

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



43.6502, 0.2277, 0.3397



11.8867, 0.6366, 0.3281

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.



43.6502, 0.4323, 0.3566



43.6502, 0.2277, 0.3397



43.6502, 0.3475, 0.2703

Square

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



43.6502, 0.2277, 0.3397



43.6502, 0.2373, 0.2343



43.6502, 0.4033, 0.3103



43.6502, 0.3862, 0.4336

Rectangle

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



43.6502, 0.2277, 0.3397



43.6502, 0.2059, 0.2561



43.6502, 0.4033, 0.3103



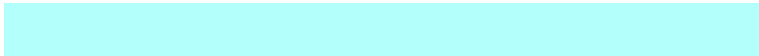
43.6502, 0.4312, 0.3872

Sweetspot

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



43.6518, 0.2277, 0.3397



88.0898, 0.2706, 0.3318



39.9985, 0.3010, 0.5992



18.5870, 0.2656, 0.3323



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.



43.6518, 0.2277, 0.3397



78.1682, 0.2277, 0.3399



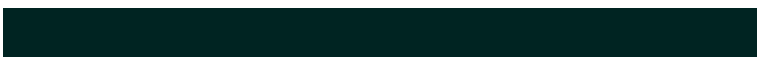
14.8326, 0.1817, 0.1741



12.0608, 0.2989, 0.3298



28.7129, 0.2277, 0.3396



1.3616, 0.2270, 0.3371

Inverse Universe

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



11.8867, 0.6366, 0.3281



21.2799, 0.6376, 0.3286



18.9594, 0.5560, 0.3967



10.6430, 0.3284, 0.3282



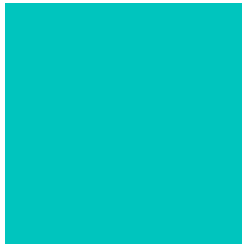
7.8204, 0.6357, 0.3276



0.3725, 0.6206, 0.3192

Previews

White Background



This preview shows how the Yxy color 43.6502, 0.2277, 0.3397 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 43.6502, 0.2277, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

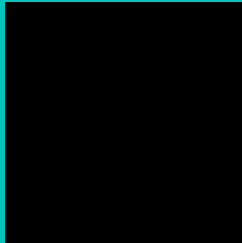
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

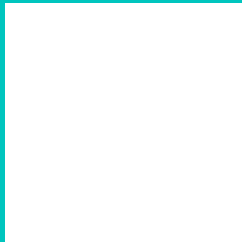
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6502, 0.2277, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 43.6502, 0.2277, 0.3397.

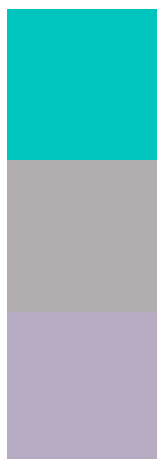


This preview shows how white text looks on a background with the Yxy color 43.6502, 0.2277, 0.3397.

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

43.6502, 0.2277, 0.3397

Protanopia

42.8717, 0.3146, 0.3263

Deuteranopia

43.1786, 0.3028, 0.2968



Tritanopia

43.7290, 0.2224, 0.3051

Trichromacy



Original Color

43.6502, 0.2277, 0.3397



Protanomaly

40.3028, 0.2613, 0.3304



Deuteranomaly

40.2506, 0.2547, 0.3083



Tritanomaly

43.5750, 0.2234, 0.3167

Monochromacy



Original Color

43.6502, 0.2277, 0.3397



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

29.2228, 0.2553, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6502, 0.2277, 0.3397 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(0, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 190)  
}
```

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(0, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 190) }
```

Border

The CSS property to change the border of an element to Yxy 43.6502, 0.2277, 0.3397 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(0, 197, 190) }
```

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

```
.border{ border-color:rgb(0, 197, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6502, 0.2277, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 190) }
```

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

```
.background{ background-color: rgb(0, 197,  
190) }
```

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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