

Converting Colors

$Y_{xy}(42.8503, 0.2236, 0.3249)$

Have a look what the booklet for
Yxy(42.8503, 0.2236, 0.3249)
contains.

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Color

Yxy(43.0614, 0.2238, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	00C3C5
RGB	0, 195, 197
RGB Percent	0%, 76%, 77%
CMY	1.0000, 0.2353, 0.2275
CMYK	1.00, 0.01, 0.00, 0.23
HSL	181°, 100%, 39%
HSV	181°, 100%, 77%
XYZ	29.5890, 43.0614, 59.5614
YIQ	136.9230, -116.8620, -40.7180

Conversions

Conversions Part 2

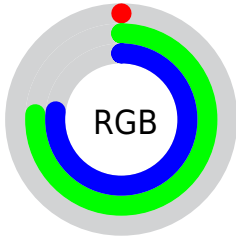
Format	Color
RYB	0, 98, 197
Decimal	50117
CIELab	71.60, -38.70, -12.54
CIELCh	72, 40.682, 197.953
Yxy	43.0614, 0.2238, 0.3257
Android (android.graphics.Color)	4278240197 (0xFF00C3C5)
YUV	136.9230, 29.6180, -120.0815
Hunter-Lab	65.6212, -34.3503, -7.8801

Details

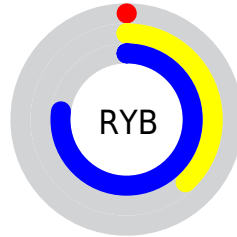
The Yxy color **43.0614, 0.2238, 0.3257** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **11.9101, 0.6394, 0.3305**, and the grayscale version is **24.9056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7196, 0.2392, 0.3264**, and **21.0329, 0.2235, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **43.0641, 0.2238, 0.3257**, and if you desaturate by 10%, it is **43.2980, 0.2253, 0.3260**.

Distribution



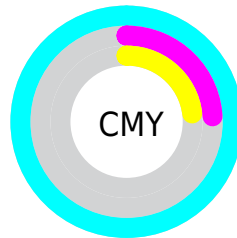
- Red (0%)
- Green (76%)
- Blue (77%)



- Red (0%)
- Yellow (38%)
- Blue (77%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0614, 0.2238, 0.3257 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 43.0614, 0.2238, 0.3257 by changing the saturation by 10% instead.


 43.0614, 0.2238,
0.3257


 43.0614, 0.2238,
0.3257


358.8642, 0.2674,
0.3288

 29.9333, 0.2133,
0.3245


 79.8035, 0.2394,
0.3271

 19.7880, 0.2000,
0.3227


 104.1863, 0.2454,
0.3276


 12.2410, 0.1828,
0.3198


 133.0894, 0.2504,
0.3279

 6.9080, 0.1599,
0.3149

 166.8973, 0.2548,
0.3282

 3.4047, 0.1282,
0.3058

 205.9943, 0.2586,
0.3284

 1.3465, 0.0602,
0.2940

250.7649, 0.2619,

 0.1768, 0.0000,

0.3285

0.1414

301.5934, 0.2648,
0.3287

■ 0.0000, 0.0000,
0.0000

■ 43.0614, 0.2238,
0.3257

■ 43.0614, 0.2238,
0.3257

■ 43.0641, 0.2238,
0.3257

■ 43.2980, 0.2253,
0.3260

■ 43.6800, 0.2281,
0.3263

■ 44.2621, 0.2327,
0.3267

■ 45.0715, 0.2393,
0.3270

■ 46.1309, 0.2477,
0.3274

■ 47.4605, 0.2579,
0.3277

■ 49.0783, 0.2698,
0.3281

■ 51.0008, 0.2831,
0.3284

■ 53.2433, 0.2975,
0.3287

Harmonies

Analogous

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



43.0614, 0.2622, 0.3852



43.0614, 0.2238, 0.3257



43.0614, 0.2085, 0.2747

Triad

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



43.0614, 0.2238, 0.3257



43.0614, 0.3002, 0.2507



43.0614, 0.4145, 0.4080

Complementary

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



43.0614, 0.2238, 0.3257



11.9101, 0.6394, 0.3305

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.



43.0614, 0.4293, 0.3665



43.0614, 0.2238, 0.3257



43.0614, 0.3599, 0.2804

Square

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



43.0614, 0.2238, 0.3257



43.0614, 0.2492, 0.2377



43.0614, 0.4091, 0.3212



43.0614, 0.3723, 0.4335

Rectangle

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



43.0614, 0.2238, 0.3257



43.0614, 0.2118, 0.2522



43.0614, 0.4091, 0.3212



43.0614, 0.4231, 0.3952

Sweetspot

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



43.0641, 0.2238, 0.3257



87.7771, 0.2692, 0.3281



39.9225, 0.3000, 0.6000



18.5107, 0.2640, 0.3279



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.



43.0641, 0.2238, 0.3257



77.1238, 0.2238, 0.3257



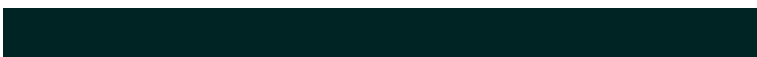
12.8574, 0.1770, 0.1570



12.0487, 0.2984, 0.3287



28.3403, 0.2238, 0.3257



1.3479, 0.2240, 0.3264

Inverse Universe

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



15.8078, 0.3234, 0.1555



28.3168, 0.3235, 0.1556



20.6945, 0.5413, 0.4084



10.8147, 0.3139, 0.3065



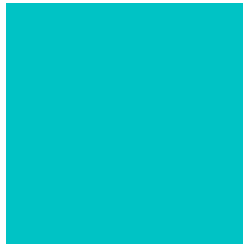
10.4010, 0.3234, 0.1555



0.4931, 0.3228, 0.1552

Previews

White Background



This preview shows how the Yxy color 43.0614, 0.2238, 0.3257 looks on a white background.

Color Contrast Check

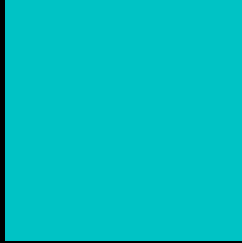
Large Text (above 18pt) WCAG AA × Fail

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 43.0614, 0.2238, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

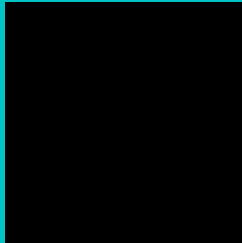
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

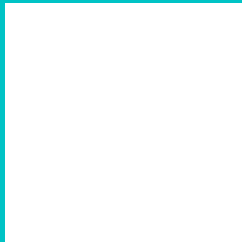
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0614, 0.2238, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 43.0614, 0.2238, 0.3257.

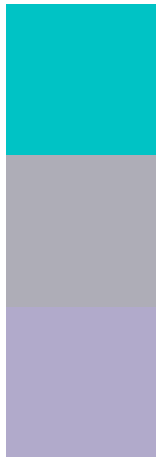


This preview shows how white text looks on a background with the Yxy color 43.0614, 0.2238, 0.3257.

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

43.0614, 0.2238, 0.3257

Protanopia

42.3047, 0.3054, 0.3156

Deuteranopia

42.4084, 0.2923, 0.2864



Tritanopia

43.0667, 0.2209, 0.3049

Trichromacy



Original Color

43.0614, 0.2238, 0.3257



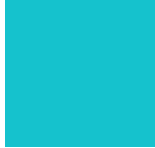
Protanomaly

40.0581, 0.2556, 0.3184



Deuteranomaly

39.9680, 0.2486, 0.2968



Tritanomaly

43.1508, 0.2215, 0.3121

Monochromacy



Original Color

43.0614, 0.2238, 0.3257



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

28.9832, 0.2530, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0614, 0.2238, 0.3257 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, 195, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 195, 197)  
}
```

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, 195, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 195, 197) }
```

Border

The CSS property to change the border of an element to Yxy 43.0614, 0.2238, 0.3257 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, 195, 197) }
```

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

```
.border{ border-color:rgb(0, 195, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 195, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 195, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 195, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 195,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0614, 0.2238, 0.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 195, 197) }
```

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

```
.background{ background-color: rgb(0, 195,  
197) }
```

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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