

Converting Colors

$Yxy(43.9282, 0.2337, 0.3560)$

Have a look what the booklet for
Yxy(43.9282, 0.2337, 0.3560)
contains.

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Color

Yxy(43.8731, 0.2336, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	14C6B5
RGB	20, 198, 181
RGB Percent	8%, 78%, 71%
CMY	0.9227, 0.2235, 0.2901
CMYK	0.90, 0.00, 0.09, 0.22
HSL	174°, 82%, 43%
HSV	174°, 90%, 78%
XYZ	28.8210, 43.8731, 50.6835
YIQ	142.8400, -100.6310, -43.0230

Conversions

Conversions Part 2

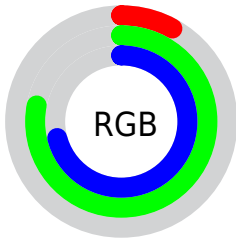
Format	Color
R _Y B	20, 113, 198
Decimal	1361589
CIE Lab	72.14, -44.02, -3.03
CIE LCh	72, 44.120, 183.936
Yxy	43.8731, 0.2336, 0.3556
Android (android.graphics.Color)	4279551669 (0xFF14C6B5)
YUV	142.8400, 18.8129, -107.7307
Hunter-Lab	66.2368, -38.2452, 0.9978

Details

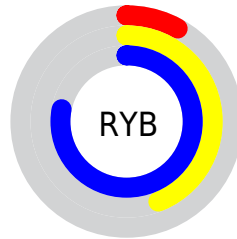
The Yxy color **43.8731, 0.2336, 0.3556** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **12.6281, 0.6058, 0.3205**, and the grayscale version is **27.3204, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7602, 0.2477, 0.3503**, and **21.2034, 0.2337, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **43.6527, 0.2330, 0.3588**, and if you desaturate by 10%, it is **44.2483, 0.2356, 0.3524**.

Distribution



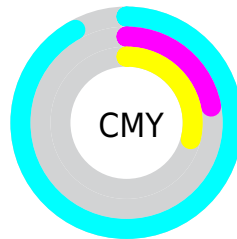
- Red (8%)
- Green (78%)
- Blue (71%)



- Red (8%)
- Yellow (44%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (92%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8731, 0.2336, 0.3556 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 43.8731, 0.2336, 0.3556 by changing the saturation by 10% instead.

 43.8731, 0.2336,
0.3556


 43.8731, 0.2336,
0.3556


362.1902, 0.2729,
0.3428


 30.5708, 0.2239,
0.3586


 81.0268, 0.2478,
0.3511


 20.2722, 0.2117,
0.3624


 105.6469, 0.2531,
0.3493


 12.5931, 0.1955,
0.3672

 134.8083, 0.2577,
0.3478

 7.1489, 0.1736,
0.3735

 168.8956, 0.2616,
0.3465

 3.5554, 0.1425,
0.3818

 208.2930, 0.2650,
0.3454

 1.4281, 0.0581,
0.4085

253.3850, 0.2679,

 0.2373, 0.0000,

0.3444

0.3355

304.5559, 0.2706,
0.3435

■ 0.0000, 0.0000,
0.0000

■ 43.8731, 0.2336,
0.3556

■ 43.8731, 0.2336,
0.3556

■ 43.6527, 0.2330,
0.3588

■ 44.2483, 0.2356,
0.3524

■ 44.8251, 0.2395,
0.3491

■ 45.6328, 0.2453,
0.3459

■ 46.6944, 0.2530,
0.3427

■ 48.0304, 0.2624,
0.3396

■ 49.6590, 0.2733,
0.3367

■ 51.5970, 0.2855,
0.3339

■ 53.8598, 0.2987,
0.3314

■ 56.4618, 0.3126,
0.3290

Harmonies

Analogous

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



43.8731, 0.2839, 0.4156



43.8731, 0.2336, 0.3556



43.8731, 0.2057, 0.2933

Triad

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



43.8731, 0.2336, 0.3556



43.8731, 0.2714, 0.2365



43.8731, 0.4339, 0.3932

Complementary

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



43.8731, 0.2336, 0.3556



12.6281, 0.6058, 0.3205

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.



43.8731, 0.4329, 0.3457



43.8731, 0.2336, 0.3556



43.8731, 0.3333, 0.2604

Square

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



43.8731, 0.2336, 0.3556



43.8731, 0.2259, 0.2321



43.8731, 0.3947, 0.2989



43.8731, 0.4003, 0.4314

Rectangle

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



43.8731, 0.2336, 0.3556



43.8731, 0.2013, 0.2619



43.8731, 0.3947, 0.2989



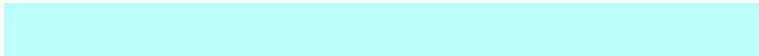
43.8731, 0.4378, 0.3778

Sweetspot

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



43.8748, 0.2336, 0.3556



88.7830, 0.2764, 0.3359



40.8442, 0.3042, 0.5888



18.7656, 0.2724, 0.3369



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.



43.8748, 0.2336, 0.3556



77.2742, 0.2331, 0.3593



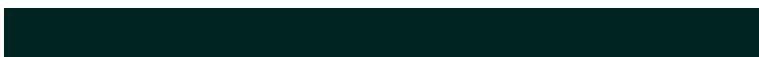
19.3206, 0.1927, 0.2065



12.0495, 0.2996, 0.3312



28.3930, 0.2329, 0.3584



1.3496, 0.2310, 0.3516

Inverse Universe

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



12.6281, 0.6058, 0.3205



21.3271, 0.6317, 0.3254



19.5424, 0.5466, 0.3933



10.6531, 0.3275, 0.3268



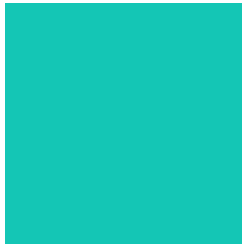
7.8437, 0.6279, 0.3233



0.3771, 0.5912, 0.3030

Previews

White Background



This preview shows how the Yxy color 43.8731, 0.2336, 0.3556 looks on a white background.

Color Contrast Check

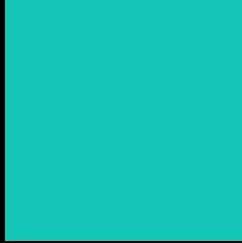
Large Text (above 18pt) WCAG AA × Fail

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 43.8731, 0.2336, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

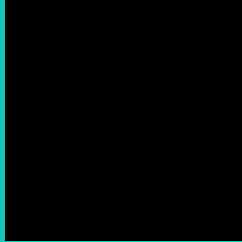
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

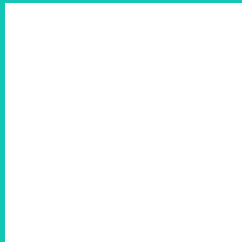
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8731, 0.2336, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 43.8731, 0.2336, 0.3556.

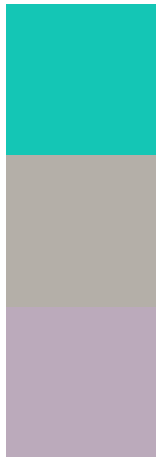


This preview shows how white text looks on a background with the Yxy color 43.8731, 0.2336, 0.3556.

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

43.8731, 0.2336, 0.3556

Protanopia

43.1904, 0.3230, 0.3384

Deuteranopia

42.9021, 0.3137, 0.3070



Tritanopia

43.9668, 0.2245, 0.3052

Trichromacy



Original Color

43.8731, 0.2336, 0.3556



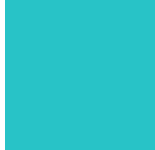
Protanomaly

41.0217, 0.2725, 0.3440



Deuteranomaly

40.5809, 0.2669, 0.3215



Tritanomaly

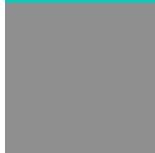
43.6049, 0.2272, 0.3227

Monochromacy



Original Color

43.8731, 0.2336, 0.3556



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

31.2254, 0.2630, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8731, 0.2336, 0.3556 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(20, 198, 181)` looks like.

```
.text, #text, p{  
    color:rgb(20, 198, 181)  
}
```

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(20, 198, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 198, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.8731, 0.2336, 0.3556 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(20, 198, 181) }
```

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

```
.border{ border-color:rgb(20, 198, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 198, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 198, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 198, 181);  
box-shadow:4px 4px 4px 4px rgb(20, 198,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8731, 0.2336, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 198, 181) }
```

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

```
.background{ background-color: rgb(20, 198,  
181) }
```

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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