

Converting Colors

$Yxy(43.3920, 0.2569, 0.4324)$

Have a look what the booklet for
Yxy(43.3920, 0.2569, 0.4324)
contains.

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Color

Yxy(43.4196, 0.2571, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	1EC88A
RGB	30, 200, 138
RGB Percent	12%, 78%, 54%
CMY	0.8825, 0.2157, 0.4589
CMYK	0.85, 0.00, 0.31, 0.22
HSL	158°, 74%, 45%
HSV	158°, 85%, 78%
XYZ	25.7751, 43.4196, 31.0584
YIQ	142.1020, -81.4180, -55.3220

Conversions

Conversions Part 2

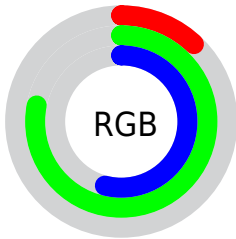
Format	Color
RYB	30, 134, 200
Decimal	2017418
CIELab	71.84, -54.98, 19.79
CIELCh	72, 58.433, 160.202
Yxy	43.4196, 0.2571, 0.4331
Android (android.graphics.Color)	4280207498 (0xFF1EC88A)
YUV	142.1020, -2.0223, -98.3135
Hunter-Lab	65.8936, -45.4913, 18.1796

Details

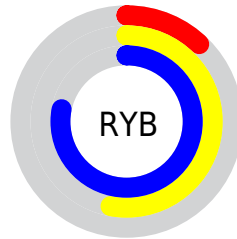
The Yxy color **43.4196, 0.2571, 0.4331** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **13.9800, 0.5077, 0.2707**, and the grayscale version is **27.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5139, 0.2676, 0.4083**, and **20.9554, 0.2613, 0.4606** is the 20% darker color. If you saturate the color by 10%, you get **43.0058, 0.2583, 0.4470**, and if you desaturate by 10%, it is **44.0416, 0.2578, 0.4190**.

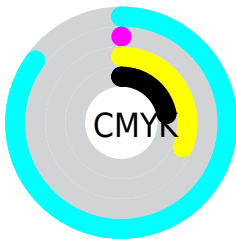
Distribution



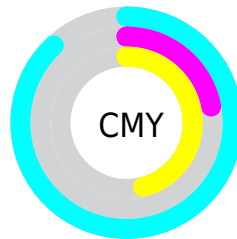
- Red (12%)
- Green (78%)
- Blue (54%)



- Red (12%)
- Yellow (53%)
- Blue (78%)



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)





- Cyan (88%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4196, 0.2571, 0.4331 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 43.4196, 0.2571, 0.4331 by changing the saturation by 10% instead.


 43.4196, 0.2571,
0.4331


 43.4196, 0.2571,
0.4331


360.3345, 0.2867,
0.3771


 30.2145, 0.2491,
0.4484


 80.3437, 0.2683,
0.4118


 20.0014, 0.2385,
0.4688


 104.8314, 0.2724,
0.4041


 12.3961, 0.2239,
0.4973


 133.8488, 0.2758,
0.3977

 7.0140, 0.2023,
0.5397

 167.7803, 0.2786,
0.3923

 3.4709, 0.1683,
0.6079

 207.0102, 0.2811,
0.3877

 1.3822, 0.0000,
0.9696

251.9229, 0.2832,

 0.2036, 0.0000,

0.3837

1.0000

302.9029, 0.2851,
0.3802

■ 0.0000, 0.0000,
0.0000

■ 43.4196, 0.2571,
0.4331

■ 43.4196, 0.2571,
0.4331

■ 43.0058, 0.2583,
0.4470

■ 44.0416, 0.2578,
0.4190

■ 42.8448, 0.2594,
0.4538

■ 44.8982, 0.2606,
0.4049

■ 46.0171, 0.2652,
0.3911

■ 47.4208, 0.2715,
0.3779

■ 49.1292, 0.2792,
0.3654

■ 51.1604, 0.2880,
0.3538

■ 53.5311, 0.2975,
0.3431

■ 56.2569, 0.3076,
0.3335

■ 59.3523, 0.3179,
0.3248

Harmonies

Analogous

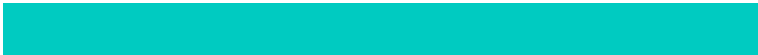
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.4196, 0.3342, 0.4817



43.4196, 0.2571, 0.4331



43.4196, 0.1994, 0.3439

Triad

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



43.4196, 0.2571, 0.4331



43.4196, 0.2107, 0.2045



43.4196, 0.4761, 0.3586

Complementary

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



43.4196, 0.2571, 0.4331



13.9800, 0.5077, 0.2707

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.



43.4196, 0.4358, 0.3000



43.4196, 0.2571, 0.4331



43.4196, 0.2731, 0.2161

Square

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



43.4196, 0.2571, 0.4331



43.4196, 0.1772, 0.2190



43.4196, 0.3568, 0.2499



43.4196, 0.4636, 0.4186

Rectangle

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



43.4196, 0.2571, 0.4331



43.4196, 0.1781, 0.2880



43.4196, 0.3568, 0.2499



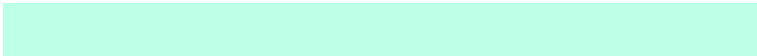
43.4196, 0.4685, 0.3386

Sweetspot

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



43.4213, 0.2571, 0.4331



88.0595, 0.2868, 0.3553



43.6967, 0.3275, 0.5649



18.5758, 0.2836, 0.3593



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.



43.4213, 0.2571, 0.4331



74.1279, 0.2599, 0.4557



36.0227, 0.2175, 0.2930



11.9994, 0.3032, 0.3376



27.2582, 0.2589, 0.4519



1.3042, 0.2509, 0.4231

Inverse Universe

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



13.9800, 0.5077, 0.2707



22.0507, 0.5569, 0.2841



14.8876, 0.5891, 0.3465



10.6998, 0.3233, 0.3206



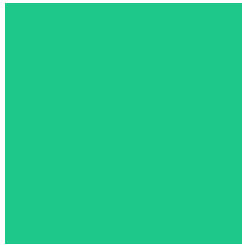
8.1290, 0.5496, 0.2801



0.3988, 0.4920, 0.2484

Previews

White Background



This preview shows how the Yxy color 43.4196, 0.2571, 0.4331 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 43.4196, 0.2571, 0.4331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

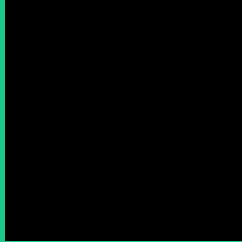
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4196, 0.2571, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 43.4196, 0.2571, 0.4331.

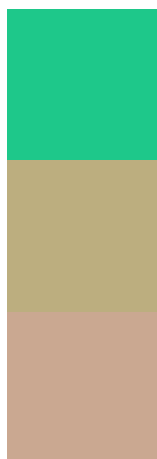


This preview shows how white text looks on a background with the Yxy color 43.4196, 0.2571, 0.4331.

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

43.4196, 0.2571, 0.4331

Protanopia

42.4958, 0.3663, 0.3921

Deuteranopia

42.6062, 0.3659, 0.3586



Tritanopia

43.1831, 0.2307, 0.3052

Trichromacy



Original Color

43.4196, 0.2571, 0.4331



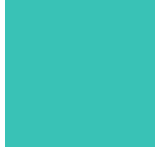
Protanomaly

40.3310, 0.3089, 0.4100



Deuteranomaly

40.0845, 0.3075, 0.3870



Tritanomaly

42.8308, 0.2388, 0.3476

Monochromacy



Original Color

43.4196, 0.2571, 0.4331



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

30.8842, 0.2767, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4196, 0.2571, 0.4331 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(30, 200, 138)` looks like.

```
.text, #text, p{  
    color:rgb(30, 200, 138)  
}
```

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(30, 200, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 200, 138) }
```

Border

The CSS property to change the border of an element to Yxy 43.4196, 0.2571, 0.4331 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(30, 200, 138) }
```

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

```
.border{ border-color:rgb(30, 200, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 200, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 200, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 200, 138);  
box-shadow:4px 4px 4px 4px rgb(30, 200,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4196, 0.2571, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 200, 138) }
```

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

```
.background{ background-color: rgb(30, 200,  
138) }
```

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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