

Converting Colors

$Y_{xy}(43.5280, 0.2467, 0.3979)$

Have a look what the booklet for
Yxy(43.5280, 0.2467, 0.3979)
contains.

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Color

Yxy(43.5280, 0.2467, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	1CC79D
RGB	28, 199, 157
RGB Percent	11%, 78%, 62%
CMY	0.8903, 0.2196, 0.3843
CMYK	0.86, 0.00, 0.21, 0.22
HSL	165°, 75%, 45%
HSV	165°, 86%, 78%
XYZ	26.9876, 43.5280, 38.8787
YIQ	143.0830, -88.4340, -49.3140

Conversions

Conversions Part 2

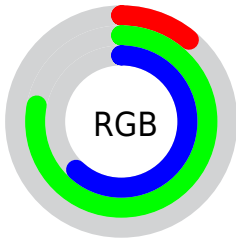
Format	Color
RYB	28, 125, 199
Decimal	1886109
CIELab	71.91, -50.30, 9.68
CIELCh	72, 51.221, 169.102
Yxy	43.5280, 0.2467, 0.3979
Android (android.graphics.Color)	4280076189 (0xFF1CC79D)
YUV	143.0830, 6.8611, -100.9278
Hunter-Lab	65.9758, -42.4416, 11.2441

Details

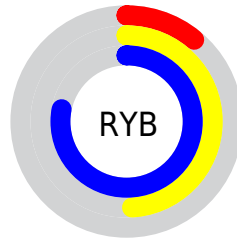
The Yxy color **43.5280, 0.2467, 0.3979** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **13.4140, 0.5505, 0.2945**, and the grayscale version is **27.4997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4616, 0.2587, 0.3819**, and **20.9871, 0.2486, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **43.1716, 0.2470, 0.4070**, and if you desaturate by 10%, it is **44.0789, 0.2483, 0.3888**.

Distribution



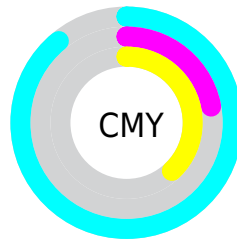
- Red (11%)
- Green (78%)
- Blue (62%)



- Red (11%)
- Yellow (49%)
- Blue (78%)



- Cyan (86%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)




- Cyan (89%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5280, 0.2467, 0.3979 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 43.5280, 0.2467, 0.3979 by changing the saturation by 10% instead.


 43.5280, 0.2467,
0.3979

 43.5280, 0.2467,
0.3979


360.7787, 0.2805,
0.3617


 30.2996, 0.2380,
0.4075


 80.5070, 0.2592,
0.3844

 20.0661, 0.2268,
0.4201


 105.0265, 0.2638,
0.3794


 12.4431, 0.2117,
0.4375


 134.0784, 0.2677,
0.3752

 7.0462, 0.1904,
0.4629

 168.0471, 0.2710,
0.3717

 3.4910, 0.1586,
0.5029

 207.3171, 0.2739,
0.3687

 1.3931, 0.0117,
0.6398

252.2728, 0.2764,

 0.2117, 0.0000,

0.3661

1.0000

303.2985, 0.2786,
0.3638

■ 0.0000, 0.0000,
0.0000

■ 43.5280, 0.2467,
0.3979

■ 43.5280, 0.2467,
0.3979

■ 43.1716, 0.2470,
0.4070

■ 44.0789, 0.2483,
0.3888

■ 43.0550, 0.2474,
0.4106

■ 44.8515, 0.2518,
0.3796

■ 45.8735, 0.2572,
0.3707

■ 47.1670, 0.2645,
0.3621

■ 48.7519, 0.2732,
0.3539

■ 50.6460, 0.2831,
0.3462

■ 52.8658, 0.2941,
0.3391

■ 55.4264, 0.3056,
0.3326

■ 58.3423, 0.3176,
0.3267

Harmonies

Analogous

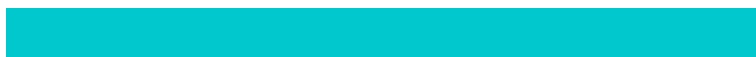
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.5280, 0.3124, 0.4541



43.5280, 0.2467, 0.3979



43.5280, 0.2020, 0.3203

Triad

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



43.5280, 0.2467, 0.3979



43.5280, 0.2362, 0.2182



43.5280, 0.4582, 0.3738

Complementary

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



43.5280, 0.2467, 0.3979



13.4140, 0.5505, 0.2945

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.



43.5280, 0.4356, 0.3196



43.5280, 0.2467, 0.3979



43.5280, 0.2990, 0.2350

Square

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



43.5280, 0.2467, 0.3979



43.5280, 0.1976, 0.2246



43.5280, 0.3741, 0.2708



43.5280, 0.4363, 0.4255

Rectangle

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



43.5280, 0.2467, 0.3979



43.5280, 0.1880, 0.2758



43.5280, 0.3741, 0.2708



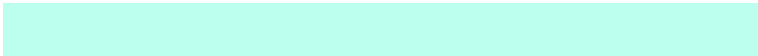
43.5280, 0.4558, 0.3556

Sweetspot

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



43.5297, 0.2467, 0.3979



88.5158, 0.2827, 0.3465



42.2620, 0.3158, 0.5749



18.6848, 0.2791, 0.3492



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.



43.5297, 0.2467, 0.3979



75.3426, 0.2478, 0.4119



28.2303, 0.2080, 0.2584



12.0213, 0.3016, 0.3347



27.6986, 0.2471, 0.4094



1.3225, 0.2418, 0.3905

Inverse Universe

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



13.4140, 0.5505, 0.2945



21.6147, 0.5989, 0.3073



16.6992, 0.5696, 0.3658



10.6789, 0.3252, 0.3233



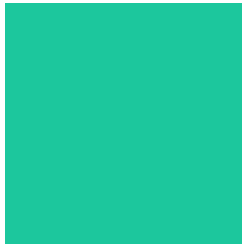
7.9614, 0.5922, 0.3036



0.3889, 0.5312, 0.2700

Previews

White Background



This preview shows how the Yxy color 43.5280, 0.2467, 0.3979 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 43.5280, 0.2467, 0.3979 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 43.5280, 0.2467, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 43.5280, 0.2467, 0.3979.

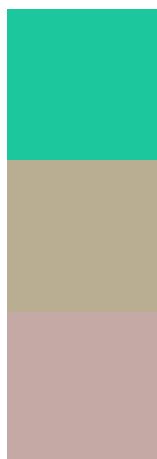


This preview shows how white text looks on a background with the Yxy color 43.5280, 0.2467, 0.3979.

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

43.5280, 0.2467, 0.3979

Protanopia

42.6307, 0.3477, 0.3682

Deuteranopia

42.7920, 0.3423, 0.3356



Tritanopia

43.4116, 0.2284, 0.3052

Trichromacy



Original Color

43.5280, 0.2467, 0.3979



Protanomaly

40.6261, 0.2935, 0.3814



Deuteranomaly

40.3666, 0.2901, 0.3576



Tritanomaly

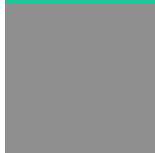
43.4344, 0.2344, 0.3380

Monochromacy



Original Color

43.5280, 0.2467, 0.3979



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

31.0992, 0.2716, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5280, 0.2467, 0.3979 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(28, 199, 157)` looks like.

```
.text, #text, p{  
    color:rgb(28, 199, 157)  
}
```

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(28, 199, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 199, 157) }
```

Border

The CSS property to change the border of an element to Yxy 43.5280, 0.2467, 0.3979 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(28, 199, 157) }
```

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

```
.border{ border-color:rgb(28, 199, 157) }
```

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

Here you see how a box with a 4 pixel rgb(28, 199, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 199, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 199, 157);  
box-shadow:4px 4px 4px 4px rgb(28, 199,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5280, 0.2467, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 199, 157) }
```

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

```
.background{ background-color: rgb(28, 199,  
157) }
```

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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