

Converting Colors

$Yxy(44.9404, 0.2567, 0.4315)$

Have a look what the booklet for
Yxy(44.9404, 0.2567, 0.4315)
contains.

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Color

Yxy(44.9263, 0.2567, 0.4315)

Conversions

Conversions Part 1

Format	Color
Hex	1FCB8D
RGB	31, 203, 141
RGB Percent	12%, 80%, 55%
CMY	0.8788, 0.2039, 0.4470
CMYK	0.85, 0.00, 0.31, 0.20
HSL	158°, 74%, 46%
HSV	158°, 85%, 80%
XYZ	26.7267, 44.9263, 32.4635
YIQ	144.5040, -82.6100, -55.7460

Conversions

Conversions Part 2

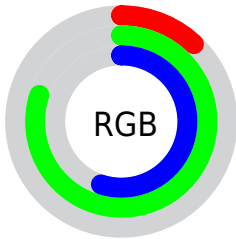
Format	Color
RYB	31, 136, 203
Decimal	2083725
CIELab	72.84, -55.37, 19.57
CIElCh	73, 58.730, 160.538
Yxy	44.9263, 0.2567, 0.4315
Android (android.graphics.Color)	4280273805 (0xFF1FCB8D)
YUV	144.5040, -1.7275, -99.5430
Hunter-Lab	67.0271, -46.1214, 18.2028

Details

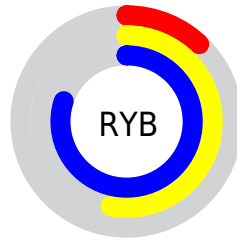
The Yxy color **44.9263, 0.2567, 0.4315** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **14.4614, 0.5087, 0.2716**, and the grayscale version is **28.1260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7113, 0.2666, 0.4042**, and **21.9351, 0.2606, 0.4581** is the 20% darker color. If you saturate the color by 10%, you get **44.4961, 0.2579, 0.4452**, and if you desaturate by 10%, it is **45.5724, 0.2575, 0.4176**.

Distribution



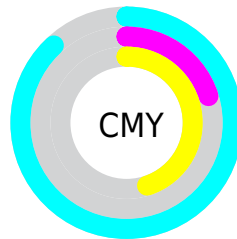
- Red (12%)
- Green (80%)
- Blue (55%)



- Red (12%)
- Yellow (53%)
- Blue (80%)



- Cyan (85%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)




- Cyan (88%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9263, 0.2567, 0.4315 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 44.9263, 0.2567, 0.4315 by changing the saturation by 10% instead.


 44.9263, 0.2567,
0.4315

 44.9263, 0.2567,
0.4315


366.4750, 0.2863,
0.3767

 31.3994, 0.2488,
0.4463


 82.6098, 0.2678,
0.4107


 20.9032, 0.2384,
0.4660


 107.5352, 0.2719,
0.4032

 13.0532, 0.2240,
0.4935


 137.0288, 0.2753,
0.3969

 7.4652, 0.2031,
0.5339

 171.4751, 0.2782,
0.3916

 3.7547, 0.1705,
0.5984

 211.2585, 0.2806,
0.3871

 1.5373, 0.0000,
0.8951

256.7634, 0.2828,

 0.3148, 0.0000,

0.3832

1.0000

308.3741, 0.2847,
0.3798

■ 0.0000, 0.0000,
0.0000

■ 44.9263, 0.2567,
0.4315

■ 44.9263, 0.2567,
0.4315

■ 44.4961, 0.2579,
0.4452

■ 45.5724, 0.2575,
0.4176

■ 44.3231, 0.2590,
0.4523

■ 46.4618, 0.2603,
0.4037

■ 47.6230, 0.2650,
0.3901

■ 49.0792, 0.2714,
0.3770

■ 50.8510, 0.2792,
0.3647

■ 52.9574, 0.2880,
0.3532

■ 55.4154, 0.2977,
0.3427

■ 58.2412, 0.3078,
0.3332

■ 61.4498, 0.3181,
0.3247

Harmonies

Analogous

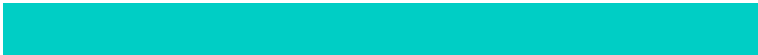
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.9263, 0.3333, 0.4805



44.9263, 0.2567, 0.4315



44.9263, 0.1996, 0.3429

Triad

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



44.9263, 0.2567, 0.4315



44.9263, 0.2118, 0.2051



44.9263, 0.4753, 0.3592

Complementary

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



44.9263, 0.2567, 0.4315



14.4614, 0.5087, 0.2716

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.



44.9263, 0.4358, 0.3008



44.9263, 0.2567, 0.4315



44.9263, 0.2742, 0.2170

Square

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



44.9263, 0.2567, 0.4315



44.9263, 0.1781, 0.2193



44.9263, 0.3575, 0.2508



44.9263, 0.4624, 0.4189

Rectangle

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



44.9263, 0.2567, 0.4315



44.9263, 0.1786, 0.2875



44.9263, 0.3575, 0.2508



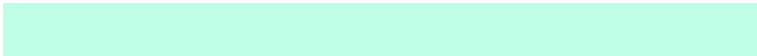
44.9263, 0.4679, 0.3393

Sweetspot

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



44.9281, 0.2567, 0.4315



88.4569, 0.2875, 0.3538



45.1937, 0.3276, 0.5646



18.6530, 0.2843, 0.3578



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.



44.9281, 0.2567, 0.4315



74.1691, 0.2595, 0.4541



37.2688, 0.2176, 0.2930



12.6558, 0.3031, 0.3375



28.2230, 0.2585, 0.4504



1.4702, 0.2511, 0.4238

Inverse Universe

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



14.4614, 0.5087, 0.2716



22.0304, 0.5586, 0.2851



15.4208, 0.5886, 0.3466



11.2794, 0.3234, 0.3207



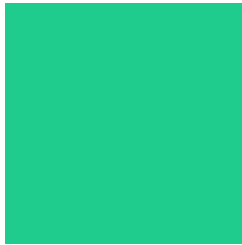
8.4032, 0.5517, 0.2813



0.4480, 0.4975, 0.2514

Previews

White Background



This preview shows how the Yxy color 44.9263, 0.2567, 0.4315 looks on a white background.

Color Contrast Check

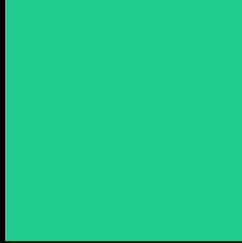
Large Text (above 18pt) WCAG AA × Fail

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 44.9263, 0.2567, 0.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

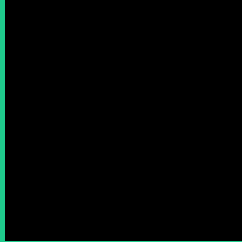
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9263, 0.2567, 0.4315

Background



This preview shows how black text looks on a background with the Yxy color 44.9263, 0.2567, 0.4315.



This preview shows how white text looks on a background with the Yxy color 44.9263, 0.2567, 0.4315.

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

44.9263, 0.2567, 0.4315

Protanopia

43.9764, 0.3654, 0.3927

Deuteranopia

43.7249, 0.3644, 0.3571



Tritanopia

44.6926, 0.2307, 0.3056

Trichromacy



Original Color

44.9263, 0.2567, 0.4315



Protanomaly

41.7168, 0.3081, 0.4105



Deuteranomaly

41.1630, 0.3068, 0.3847



Tritanomaly

44.3348, 0.2387, 0.3473

Monochromacy



Original Color

44.9263, 0.2567, 0.4315



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

31.7770, 0.2771, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9263, 0.2567, 0.4315 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(31, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(31, 203, 141)  
}
```

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(31, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 203, 141) }
```

Border

The CSS property to change the border of an element to Yxy 44.9263, 0.2567, 0.4315 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(31, 203, 141) }
```

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

```
.border{ border-color:rgb(31, 203, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 203, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 203, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 203, 141);  
box-shadow:4px 4px 4px 4px rgb(31, 203,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9263, 0.2567, 0.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 203, 141) }
```

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

```
.background{ background-color: rgb(31, 203,  
141) }
```

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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