

Converting Colors

$Yxy(26.3255, 0.2390, 0.3861)$

Have a look what the booklet for
Yxy(26.3255, 0.2390, 0.3861)
contains.

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Color

Yxy(26.4350, 0.2403, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	009F83
RGB	0, 159, 131
RGB Percent	0%, 62%, 51%
CMY	1.0000, 0.3765, 0.4862
CMYK	1.00, 0.00, 0.18, 0.38
HSL	169°, 100%, 31%
HSV	169°, 100%, 62%
XYZ	16.4953, 26.4350, 25.7142
YIQ	108.2670, -85.7760, -42.4160

Conversions

Conversions Part 2

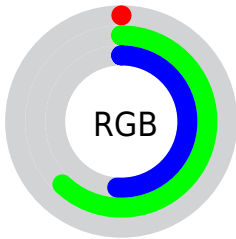
Format	Color
RYB	0, 87, 159
Decimal	40835
CIELab	58.45, -42.00, 4.73
CIELCh	58, 42.264, 173.568
Yxy	26.4350, 0.2403, 0.3851
Android (android.graphics.Color)	4278230915 (0xFF009F83)
YUV	108.2670, 11.2074, -94.9502
Hunter-Lab	51.4150, -32.7087, 6.3377

Details

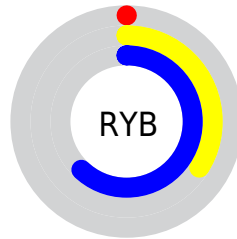
The Yxy color **26.4350, 0.2403, 0.3851** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **7.4549, 0.6113, 0.3141**, and the grayscale version is **15.0622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2352, 0.2559, 0.3734**, and **10.9173, 0.2443, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **26.4365, 0.2403, 0.3851**, and if you desaturate by 10%, it is **26.6227, 0.2405, 0.3789**.

Distribution



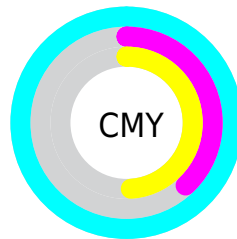
- Red (0%)
- Green (62%)
- Blue (51%)



- Red (0%)
- Yellow (34%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4350, 0.2403, 0.3851 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 26.4350, 0.2403, 0.3851 by changing the saturation by 10% instead.


 26.4350, 0.2403,
0.3851


 26.4350, 0.2403,
0.3851

284.9110, 0.2800,
0.3538


 17.1493, 0.2291,
0.3942


 53.9759, 0.2556,
0.3728

 10.3410, 0.2140,
0.4068


 72.9999, 0.2611,
0.3685


 5.6257, 0.1924,
0.4252

 96.0388, 0.2656,
0.3649

 2.6188, 0.1594,
0.4547

 123.4771, 0.2694,
0.3620

 0.9361, 0.0000,
0.5766

 155.6990, 0.2726,
0.3595

 0.0000, 0.0000,
0.0000

 193.0890, 0.2754,

0.3573

236.0316, 0.2778,
0.3554

■ 26.4350, 0.2403,
0.3851

■ 26.4350, 0.2403,
0.3851

■ 26.4365, 0.2403,
0.3851

■ 26.6227, 0.2405,
0.3789

■ 26.8963, 0.2422,
0.3727

■ 27.2946, 0.2456,
0.3665

■ 27.8333, 0.2510,
0.3603

■ 28.5258, 0.2581,
0.3543

■ 29.3838, 0.2668,
0.3486

■ 30.4180, 0.2769,
0.3431

■ 31.6381, 0.2881,
0.3380

■ 33.0532, 0.3001,
0.3333

Harmonies

Analogous

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



26.4350, 0.3024, 0.4452



26.4350, 0.2403, 0.3851



26.4350, 0.2004, 0.3102

Triad

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



26.4350, 0.2403, 0.3851



26.4350, 0.2458, 0.2217



26.4350, 0.4541, 0.3811

Complementary

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



26.4350, 0.2403, 0.3851



7.4549, 0.6113, 0.3141

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.



26.4350, 0.4385, 0.3278



26.4350, 0.2403, 0.3851



26.4350, 0.3101, 0.2412

Square

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



26.4350, 0.2403, 0.3851



26.4350, 0.2041, 0.2245



26.4350, 0.3831, 0.2787



26.4350, 0.4272, 0.4301

Rectangle

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



26.4350, 0.2403, 0.3851



26.4350, 0.1894, 0.2692



26.4350, 0.3831, 0.2787



26.4350, 0.4539, 0.3633

Sweetspot

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



26.4365, 0.2403, 0.3851



54.3595, 0.2763, 0.3434



25.0606, 0.3064, 0.5949



12.0824, 0.2721, 0.3455



80.7346, 0.3127, 0.3290



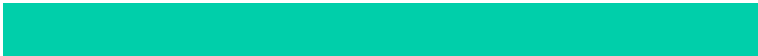
13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4365, 0.2403, 0.3851



47.3180, 0.2406, 0.3862



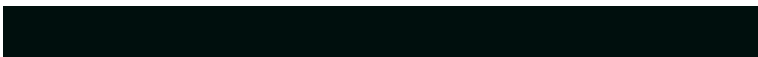
13.3664, 0.1954, 0.2234



7.4894, 0.3011, 0.3330



20.8852, 0.2402, 0.3846



0.3782, 0.2333, 0.3598

Inverse Universe

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



7.4549, 0.6113, 0.3141



13.3302, 0.6150, 0.3162



9.6825, 0.5901, 0.3697



6.6643, 0.3258, 0.3251



5.8925, 0.6094, 0.3131



0.1100, 0.5236, 0.2658

Previews

White Background



This preview shows how the Yxy color 26.4350, 0.2403, 0.3851 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4350, 0.2403, 0.3851 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 × Fail

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

Yxy 26.4350, 0.2403, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 26.4350, 0.2403, 0.3851.



This preview shows how white text looks on a background with the Yxy color 26.4350, 0.2403, 0.3851.

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

26.4350, 0.2403, 0.3851

Protanopia

26.0488, 0.3405, 0.3589

Deuteranopia

25.9755, 0.3332, 0.3275



Tritanopia

26.4821, 0.2265, 0.3052

Trichromacy



Original Color

26.4350, 0.2403, 0.3851



Protanomaly

24.4181, 0.2811, 0.3691



Deuteranomaly

24.2644, 0.2767, 0.3476



Tritanomaly

26.3712, 0.2299, 0.3325

Monochromacy



Original Color

26.4350, 0.2403, 0.3851



Achromatopsia

14.9960, 0.3127, 0.3290



Achromatomaly

17.7049, 0.2632, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4350, 0.2403, 0.3851 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, 159, 131)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 131)  
}
```

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, 159, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 131) }
```

Border

The CSS property to change the border of an element to Yxy 26.4350, 0.2403, 0.3851 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, 159, 131) }
```

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

```
.border{ border-color:rgb(0, 159, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 131);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4350, 0.2403, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 131) }
```

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

```
.background{ background-color: rgb(0, 159,  
131) }
```

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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