

Converting Colors

$Yxy(26.4650, 0.2330, 0.3588)$

Have a look what the booklet for
 $\text{Yxy}(26.4650, 0.2330, 0.3588)$
contains.

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Color

Yxy(26.4369, 0.2328, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	009E8F
RGB	0, 158, 143
RGB Percent	0%, 62%, 56%
CMY	1.0000, 0.3804, 0.4392
CMYK	1.00, 0.00, 0.09, 0.38
HSL	174°, 100%, 31%
HSV	174°, 100%, 62%
XYZ	17.1818, 26.4369, 30.1862
YIQ	109.0480, -89.3530, -38.1610

Conversions

Conversions Part 2

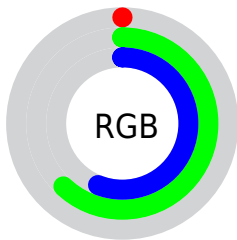
Format	Color
RYB	0, 83, 158
Decimal	40591
CIELab	58.45, -38.19, -2.05
CIELCh	58, 38.244, 183.072
Yxy	26.4369, 0.2328, 0.3582
Android (android.graphics.Color)	4278230671 (0xFF009E8F)
YUV	109.0480, 16.7383, -95.6351
Hunter-Lab	51.4168, -30.3308, 1.1833

Details

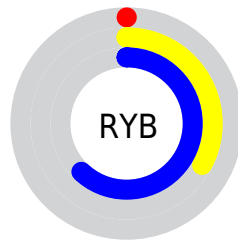
The Yxy color **26.4369, 0.2328, 0.3582** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.3045, 0.6276, 0.3231**, and the grayscale version is **15.2795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7934, 0.2488, 0.3514**, and **11.0984, 0.2349, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **26.4401, 0.2328, 0.3582**, and if you desaturate by 10%, it is **26.5943, 0.2338, 0.3550**.

Distribution



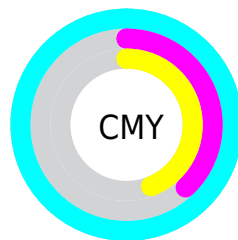
- Red (0%)
- Green (62%)
- Blue (56%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)





- Cyan (100%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4369, 0.2328, 0.3582 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 26.4369, 0.2328, 0.3582 by changing the saturation by 10% instead.


 26.4369, 0.2328,
0.3582


 26.4369, 0.2328,
0.3582


284.9202, 0.2759,
0.3427


 17.1508, 0.2210,
0.3623


 53.9789, 0.2492,
0.3524

 10.3420, 0.2051,
0.3677


 73.0036, 0.2552,
0.3503


 5.6263, 0.1830,
0.3750

 96.0433, 0.2601,
0.3485

 2.6192, 0.1501,
0.3854

 123.4824, 0.2643,
0.3470

 0.9363, 0.0000,
0.4434

 155.7052, 0.2678,
0.3457

 0.0000, 0.0000,
0.0000

 193.0962, 0.2709,

0.3446

236.0397, 0.2736,
0.3436

■ 26.4369, 0.2328,
0.3582

■ 26.4369, 0.2328,
0.3582

■ 26.4401, 0.2328,
0.3582

■ 26.5943, 0.2338,
0.3550

■ 26.8330, 0.2360,
0.3519

■ 27.1932, 0.2401,
0.3487

■ 27.6904, 0.2460,
0.3455

■ 28.3376, 0.2537,
0.3424

■ 29.1465, 0.2631,
0.3394

■ 30.1275, 0.2739,
0.3365

■ 31.2902, 0.2860,
0.3338

■ 32.6435, 0.2990,
0.3313

Harmonies

Analogous

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



26.4369, 0.2847, 0.4196



26.4369, 0.2328, 0.3582



26.4369, 0.2036, 0.2938

Triad

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



26.4369, 0.2328, 0.3582



26.4369, 0.2687, 0.2340



26.4369, 0.4374, 0.3931

Complementary

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



26.4369, 0.2328, 0.3582



7.3045, 0.6276, 0.3231

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.



26.4369, 0.4355, 0.3443



26.4369, 0.2328, 0.3582



26.4369, 0.3318, 0.2578

Square

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



26.4369, 0.2328, 0.3582



26.4369, 0.2229, 0.2300



26.4369, 0.3953, 0.2968



26.4369, 0.4037, 0.4329

Rectangle

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



26.4369, 0.2328, 0.3582



26.4369, 0.1987, 0.2613



26.4369, 0.3953, 0.2968



26.4369, 0.4412, 0.3772

Sweetspot

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



26.4401, 0.2328, 0.3582



54.5914, 0.2733, 0.3367



24.5651, 0.3027, 0.5978



12.1410, 0.2688, 0.3378



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.



26.4401, 0.2328, 0.3582



47.9932, 0.2330, 0.3588



10.6183, 0.1872, 0.1940



7.4986, 0.3000, 0.3311



21.1764, 0.2328, 0.3579



0.3815, 0.2292, 0.3452

Inverse Universe

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



7.3045, 0.6276, 0.3231



13.2498, 0.6302, 0.3246



10.8476, 0.5676, 0.3875



6.6559, 0.3270, 0.3269



5.8523, 0.6263, 0.3224



0.1073, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 26.4369, 0.2328, 0.3582 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 26.4369, 0.2328, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

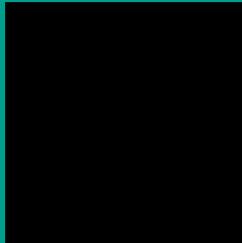
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4369, 0.2328, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 26.4369, 0.2328, 0.3582.

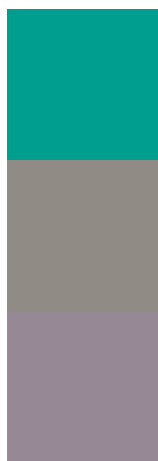


This preview shows how white text looks on a background with the Yxy color 26.4369, 0.2328, 0.3582.

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

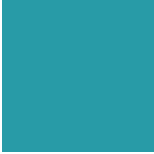
26.4369, 0.2328, 0.3582

Protanopia

26.0605, 0.3254, 0.3406

Deuteranopia

26.2305, 0.3158, 0.3099



Tritanopia

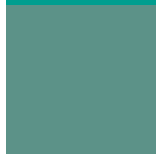
26.6838, 0.2251, 0.3069

Trichromacy



Original Color

26.4369, 0.2328, 0.3582



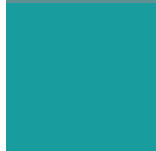
Protanomaly

24.6107, 0.2704, 0.3477



Deuteranomaly

24.4547, 0.2644, 0.3252



Tritanomaly

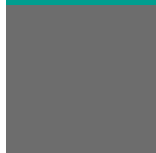
26.4522, 0.2268, 0.3250

Monochromacy



Original Color

26.4369, 0.2328, 0.3582



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

17.8244, 0.2588, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4369, 0.2328, 0.3582 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, 158, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 143)  
}
```

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, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.4369, 0.2328, 0.3582 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, 158, 143) }
```

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

```
.border{ border-color:rgb(0, 158, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4369, 0.2328, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 143) }
```

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

```
.background{ background-color: rgb(0, 158,  
143) }
```

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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