

Converting Colors

$Yxy(26.5902, 0.2295, 0.3477)$

Have a look what the booklet for
Yxy(26.5902, 0.2295, 0.3477)
contains.

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Color

Yxy(26.5918, 0.2300, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	009E94
RGB	0, 158, 148
RGB Percent	0%, 62%, 58%
CMY	1.0000, 0.3804, 0.4195
CMYK	1.00, 0.00, 0.06, 0.38
HSL	176°, 100%, 31%
HSV	176°, 100%, 62%
XYZ	17.5700, 26.5918, 32.2295
YIQ	109.6180, -90.9580, -36.6060

Conversions

Conversions Part 2

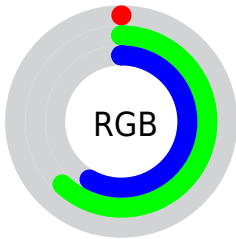
Format	Color
RYB	0, 82, 158
Decimal	40596
CIELab	58.59, -36.70, -4.68
CIELCh	59, 36.998, 187.263
Yxy	26.5918, 0.2300, 0.3481
Android (android.graphics.Color)	4278230676 (0xFF009E94)
YUV	109.6180, 18.9223, -96.1350
Hunter-Lab	51.5672, -29.4241, -0.9591

Details

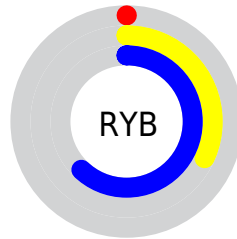
The Yxy color **26.5918, 0.2300, 0.3481** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.2917, 0.6321, 0.3256**, and the grayscale version is **15.4440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0769, 0.2468, 0.3442**, and **11.1711, 0.2317, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **26.5948, 0.2300, 0.3481**, and if you desaturate by 10%, it is **26.7350, 0.2312, 0.3460**.

Distribution



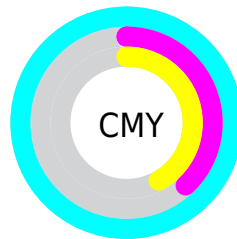
- Red (0%)
- Green (62%)
- Blue (58%)



- Red (0%)
- Yellow (32%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)





- Cyan (100%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5918, 0.2300, 0.3481 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 26.5918, 0.2300, 0.3481 by changing the saturation by 10% instead.


 26.5918, 0.2300,
0.3481


 26.5918, 0.2300,
0.3481


 285.6752, 0.2744,
0.3385

 17.2669, 0.2179,
0.3504


 54.2281, 0.2468,
0.3447

 10.4250, 0.2019,
0.3532


 73.3084, 0.2530,
0.3433


 5.6816, 0.1796,
0.3567

 96.4091, 0.2580,
0.3422

 2.6525, 0.1469,
0.3606

 123.9149, 0.2623,
0.3413

 0.9531, 0.0035,
0.4001

 156.2099, 0.2660,
0.3405

 0.0000, 0.0000,
0.0000

 193.6788, 0.2692,

0.3397

236.7057, 0.2719,
0.3391

■ 26.5918, 0.2300,
0.3481

■ 26.5918, 0.2300,
0.3481

■ 26.5948, 0.2300,
0.3481

■ 26.7350, 0.2312,
0.3460

■ 26.9593, 0.2337,
0.3440

■ 27.3049, 0.2380,
0.3419

■ 27.7870, 0.2441,
0.3398

■ 28.4189, 0.2520,
0.3378

■ 29.2120, 0.2617,
0.3358

■ 30.1770, 0.2728,
0.3339

■ 31.3233, 0.2852,
0.3322

■ 32.6598, 0.2986,
0.3305

Harmonies

Analogous

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



26.5918, 0.2778, 0.4093



26.5918, 0.2300, 0.3481



26.5918, 0.2050, 0.2878

Triad

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



26.5918, 0.2300, 0.3481



26.5918, 0.2780, 0.2390



26.5918, 0.4307, 0.3976

Complementary

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



26.5918, 0.2300, 0.3481



7.2917, 0.6321, 0.3256

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.



26.5918, 0.4339, 0.3509



26.5918, 0.2300, 0.3481



26.5918, 0.3403, 0.2645

Square

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



26.5918, 0.2300, 0.3481



26.5918, 0.2306, 0.2323



26.5918, 0.3997, 0.3041



26.5918, 0.3943, 0.4335

Rectangle

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



26.5918, 0.2300, 0.3481



26.5918, 0.2026, 0.2584



26.5918, 0.3997, 0.3041



26.5918, 0.4359, 0.3826

Sweetspot

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



26.5948, 0.2300, 0.3481



54.6843, 0.2721, 0.3340



24.5242, 0.3017, 0.5986



12.1646, 0.2675, 0.3348



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.



26.5948, 0.2300, 0.3481



48.2800, 0.2301, 0.3485



9.7034, 0.1840, 0.1824



7.5022, 0.2996, 0.3304



21.2997, 0.2300, 0.3479



0.3828, 0.2277, 0.3396

Inverse Universe

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



7.2917, 0.6321, 0.3256



13.2299, 0.6342, 0.3267



11.4611, 0.5582, 0.3950



6.6526, 0.3275, 0.3276



5.8416, 0.6311, 0.3250



0.1062, 0.5907, 0.3028

Previews

White Background



This preview shows how the Yxy color 26.5918, 0.2300, 0.3481 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 26.5918, 0.2300, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

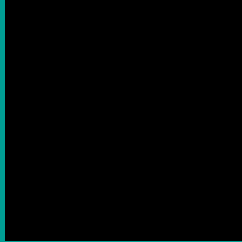
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5918, 0.2300, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 26.5918, 0.2300, 0.3481.

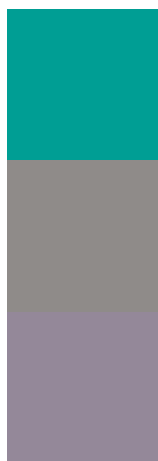


This preview shows how white text looks on a background with the Yxy color 26.5918, 0.2300, 0.3481.

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

26.5918, 0.2300, 0.3481

Protanopia

26.1110, 0.3191, 0.3323

Deuteranopia

26.2041, 0.3085, 0.3020



Tritanopia

26.6632, 0.2238, 0.3052

Trichromacy



Original Color

26.5918, 0.2300, 0.3481



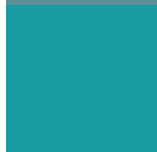
Protanomaly

24.7050, 0.2656, 0.3382



Deuteranomaly

24.5606, 0.2597, 0.3161



Tritanomaly

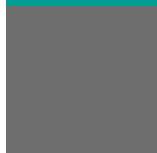
26.5443, 0.2250, 0.3194

Monochromacy



Original Color

26.5918, 0.2300, 0.3481



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.9361, 0.2571, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5918, 0.2300, 0.3481 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.5918, 0.2300, 0.3481 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, 148) }
```

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

```
.border{ border-color:rgb(0, 158, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5918, 0.2300, 0.3481 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, 148) }
```

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

```
.background{ background-color: rgb(0, 158,  
148) }
```

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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