

Converting Colors

$Yxy(26.3125, 0.2179, 0.3045)$

Have a look what the booklet for
Yxy(26.3125, 0.2179, 0.3045)
contains.

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Color

Yxy(26.2698, 0.2180, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	009BA8
RGB	0, 155, 168
RGB Percent	0%, 61%, 66%
CMY	1.0000, 0.3921, 0.3412
CMYK	1.00, 0.08, 0.00, 0.34
HSL	185°, 100%, 33%
HSV	185°, 100%, 66%
XYZ	18.7888, 26.2698, 41.1284
YIQ	110.1370, -96.5530, -28.8170

Conversions

Conversions Part 2

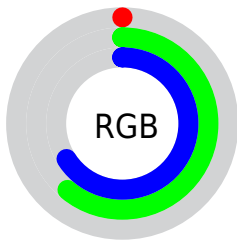
Format	Color
RYB	0, 81, 168
Decimal	39848
CIELab	58.29, -28.96, -16.48
CIELCh	58, 33.322, 209.649
Yxy	26.2698, 0.2180, 0.3048
Android (android.graphics.Color)	4278229928 (0xFF009BA8)
YUV	110.1370, 28.5265, -96.5901
Hunter-Lab	51.2541, -24.2599, -11.6990

Details

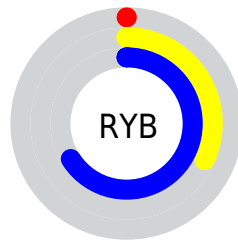
The Yxy color **26.2698, 0.2180, 0.3048** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.6134, 0.6337, 0.3350**, and the grayscale version is **15.5723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7481, 0.2368, 0.3113**, and **10.9614, 0.2152, 0.2948** is the 20% darker color. If you saturate the color by 10%, you get **26.2711, 0.2180, 0.3048**, and if you desaturate by 10%, it is **26.8236, 0.2204, 0.3074**.

Distribution



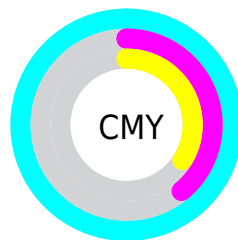
- Red (0%)
- Green (61%)
- Blue (66%)



- Red (0%)
- Yellow (32%)
- Blue (66%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)





- Cyan (100%)
- Magenta (39%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2698, 0.2180, 0.3048 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 26.2698, 0.2180, 0.3048 by changing the saturation by 10% instead.

 26.2698, 0.2180,
0.3048


 26.2698, 0.2180,
0.3048


 284.1040, 0.2680,
0.3196


 17.0256, 0.2048,
0.3000


 53.7099, 0.2368,
0.3109


 10.2527, 0.1875,
0.2932


 72.6745, 0.2436,
0.3130

 5.5669, 0.1640,
0.2827

 95.6481, 0.2494,
0.3147

 2.5835, 0.1310,
0.2652

 123.0151, 0.2542,
0.3160

 0.9184, 0.0437,
0.2423

 155.1597, 0.2584,
0.3171

 0.0000, 0.0000,
0.0000

 192.4665, 0.2620,

0.3181

235.3198, 0.2652,
0.3189

■ 26.2698, 0.2180,
0.3048

■ 26.2698, 0.2180,
0.3048

■ 26.2711, 0.2180,
0.3048

■ 26.8236, 0.2204,
0.3074

■ 27.4794, 0.2242,
0.3099

■ 28.2790, 0.2297,
0.3126

■ 29.2403, 0.2372,
0.3152

■ 30.3788, 0.2464,
0.3177

■ 31.7078, 0.2573,
0.3202

■ 33.2398, 0.2697,
0.3227

■ 34.9857, 0.2832,
0.3249

■ 36.9560, 0.2976,
0.3270

Harmonies

Analogous

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



26.2698, 0.2470, 0.3614



26.2698, 0.2180, 0.3048



26.2698, 0.2123, 0.2626

Triad

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



26.2698, 0.2180, 0.3048



26.2698, 0.3231, 0.2627



26.2698, 0.3979, 0.4178

Complementary

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



26.2698, 0.2180, 0.3048



8.6134, 0.6337, 0.3350

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.



26.2698, 0.4237, 0.3822



26.2698, 0.2180, 0.3048



26.2698, 0.3792, 0.2965

Square

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



26.2698, 0.2180, 0.3048



26.2698, 0.2687, 0.2432



26.2698, 0.4174, 0.3387



26.2698, 0.3502, 0.4318

Rectangle

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



26.2698, 0.2180, 0.3048



26.2698, 0.2215, 0.2466



26.2698, 0.4174, 0.3387



26.2698, 0.4096, 0.4076

Sweetspot

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



26.2711, 0.2180, 0.3048



60.1509, 0.2689, 0.3225



28.0320, 0.2987, 0.5953



12.8579, 0.2638, 0.3216



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.2711, 0.2180, 0.3048



47.5252, 0.2179, 0.3043



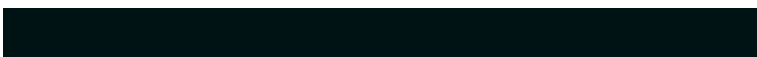
7.5665, 0.1715, 0.1375



8.4312, 0.2987, 0.3272



19.8713, 0.2181, 0.3051



0.5117, 0.2204, 0.3136

Inverse Universe

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



10.6921, 0.3412, 0.1653



19.3864, 0.3416, 0.1655



16.5466, 0.5204, 0.4250



7.6565, 0.3149, 0.3084



8.0771, 0.3410, 0.1652



0.1994, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 26.2698, 0.2180, 0.3048 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 26.2698, 0.2180, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

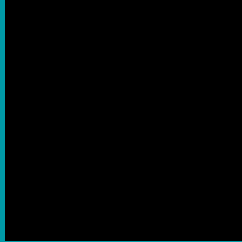
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

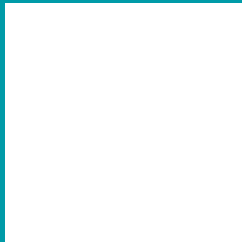
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2698, 0.2180, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 26.2698, 0.2180, 0.3048.



This preview shows how white text looks on a background with the Yxy color 26.2698, 0.2180, 0.3048.

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

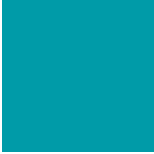
26.2698, 0.2180, 0.3048

Protanopia

25.9296, 0.2931, 0.2981

Deuteranopia

26.1041, 0.2785, 0.2739



Tritanopia

26.2698, 0.2180, 0.3048

Trichromacy



Original Color

26.2698, 0.2180, 0.3048



Protanomaly

24.5460, 0.2472, 0.2984



Deuteranomaly

24.9130, 0.2405, 0.2819



Tritanomaly

26.2698, 0.2180, 0.3048

Monochromacy



Original Color

26.2698, 0.2180, 0.3048



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.8625, 0.2509, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2698, 0.2180, 0.3048 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, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 168)  
}
```

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, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.2698, 0.2180, 0.3048 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, 155, 168) }
```

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

```
.border{ border-color:rgb(0, 155, 168) }
```

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

Here you see how a box with a 4 pixel rgb(0, 155, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2698, 0.2180, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 168) }
```

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

```
.background{ background-color: rgb(0, 155,  
168) }
```

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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