

Converting Colors

$Yxy(25.7105, 0.2128, 0.2862)$

Have a look what the booklet for
Yxy(25.7105, 0.2128, 0.2862)
contains.

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Color

Yxy(25.5911, 0.2126, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	0098B0
RGB	0, 152, 176
RGB Percent	0%, 60%, 69%
CMY	1.0000, 0.4039, 0.3098
CMYK	1.00, 0.14, 0.00, 0.31
HSL	188°, 100%, 35%
HSV	188°, 100%, 69%
XYZ	19.0633, 25.5911, 45.0131
YIQ	109.2880, -98.2960, -24.7600

Conversions

Conversions Part 2

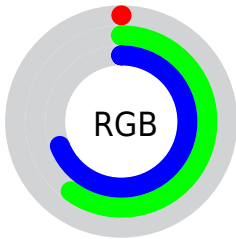
Format	Color
RYB	0, 82, 176
Decimal	39088
CIELab	57.65, -24.77, -22.01
CIELCh	58, 33.134, 221.632
Yxy	25.5911, 0.2126, 0.2854
Android (android.graphics.Color)	4278229168 (0xFF0098B0)
YUV	109.2880, 32.8890, -95.8456
Hunter-Lab	50.5876, -21.2629, -17.3451

Details

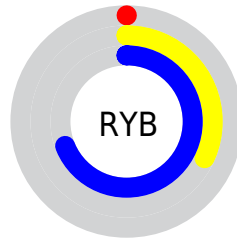
The Yxy color **25.5911, 0.2126, 0.2854** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.8845, 0.6273, 0.3401**, and the grayscale version is **15.3058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8315, 0.2322, 0.2957**, and **10.7374, 0.2092, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **25.5932, 0.2126, 0.2854**, and if you desaturate by 10%, it is **26.5051, 0.2156, 0.2901**.

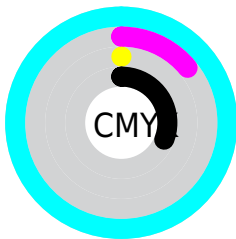
Distribution



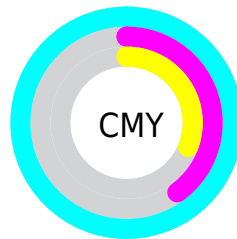
- Red (0%)
- Green (60%)
- Blue (69%)



- Red (0%)
- Yellow (32%)
- Blue (69%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)





- Cyan (100%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5911, 0.2126, 0.2854 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 25.5911, 0.2126, 0.2854 by changing the saturation by 10% instead.


 25.5911, 0.2126,
0.2854


 25.5911, 0.2126,
0.2854


 280.7690, 0.2653,
0.3108


 16.5180, 0.1988,
0.2778


 52.6146, 0.2323,
0.2955


 9.8914, 0.1808,
0.2672


 71.3337, 0.2395,
0.2991

 5.3270, 0.1566,
0.2517

 94.0369, 0.2456,
0.3019

 2.4404, 0.1232,
0.2273

 121.1087, 0.2508,
0.3043

 0.8466, 0.0453,
0.1918

 152.9334, 0.2552,
0.3063

 0.0000, 0.0000,
0.0000

 189.8954, 0.2590,

0.3080

232.3792, 0.2624,
0.3095

■ 25.5911, 0.2126,
0.2854

■ 25.5911, 0.2126,
0.2854

■ 25.5932, 0.2126,
0.2854

■ 26.5051, 0.2156,
0.2901

■ 27.5442, 0.2201,
0.2949

■ 28.7538, 0.2264,
0.2996

■ 30.1544, 0.2346,
0.3044

■ 31.7633, 0.2446,
0.3090

■ 33.5957, 0.2561,
0.3135

■ 35.6655, 0.2690,
0.3178

■ 37.9852, 0.2829,
0.3218

■ 40.5664, 0.2976,
0.3256

Harmonies

Analogous

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



25.5911, 0.2325, 0.3381



25.5911, 0.2126, 0.2854



25.5911, 0.2163, 0.2516

Triad

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



25.5911, 0.2126, 0.2854



25.5911, 0.3465, 0.2746



25.5911, 0.3809, 0.4272

Complementary

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



25.5911, 0.2126, 0.2854



9.8845, 0.6273, 0.3401

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.



25.5911, 0.4171, 0.3982



25.5911, 0.2126, 0.2854



25.5911, 0.3979, 0.3126

Square

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



25.5911, 0.2126, 0.2854



25.5911, 0.2891, 0.2487



25.5911, 0.4244, 0.3564



25.5911, 0.3282, 0.4284

Rectangle

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



25.5911, 0.2126, 0.2854



25.5911, 0.2316, 0.2415



25.5911, 0.4244, 0.3564



25.5911, 0.3955, 0.4199

Sweetspot

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



25.5932, 0.2126, 0.2854



64.4704, 0.2683, 0.3176



31.1178, 0.2970, 0.5891



13.6279, 0.2629, 0.3158



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.5932, 0.2126, 0.2854



46.1658, 0.2124, 0.2846



6.8625, 0.1660, 0.1174



9.4300, 0.2986, 0.3258



18.8390, 0.2128, 0.2859



0.6470, 0.2164, 0.2990

Inverse Universe

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



11.4983, 0.3585, 0.1749



20.8269, 0.3592, 0.1753



20.7033, 0.5020, 0.4396



8.6264, 0.3158, 0.3096



8.4419, 0.3580, 0.1746



0.2711, 0.3463, 0.1681

Previews

White Background



This preview shows how the Yxy color 25.5911, 0.2126, 0.2854 looks on a white background.

Color Contrast Check

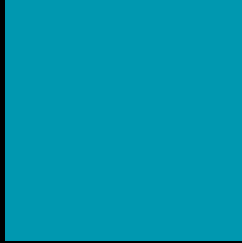
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5911, 0.2126, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

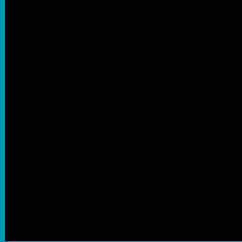
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5911, 0.2126, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 25.5911, 0.2126, 0.2854.



This preview shows how white text looks on a background with the Yxy color 25.5911, 0.2126, 0.2854.

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

25.5911, 0.2126, 0.2854

Protanopia

25.2305, 0.2806, 0.2819

Deuteranopia

25.2904, 0.2650, 0.2582



Tritanopia

25.4991, 0.2184, 0.3063

Trichromacy



Original Color

25.5911, 0.2126, 0.2854



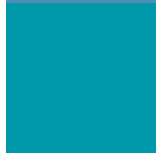
Protanomaly

24.0954, 0.2391, 0.2812



Deuteranomaly

24.0983, 0.2312, 0.2636



Tritanomaly

25.6470, 0.2165, 0.2992

Monochromacy



Original Color

25.5911, 0.2126, 0.2854



Achromatopsia

15.2926, 0.3127, 0.3290



Achromatomaly

17.6259, 0.2482, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5911, 0.2126, 0.2854 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, 152, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 176)  
}
```

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, 152, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 176) }
```

Border

The CSS property to change the border of an element to Yxy 25.5911, 0.2126, 0.2854 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, 152, 176) }
```

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

```
.border{ border-color:rgb(0, 152, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 152, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5911, 0.2126, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 176) }
```

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

```
.background{ background-color: rgb(0, 152,  
176) }
```

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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