

Converting Colors

$Yxy(19.1620, 0.0816, 0.2723)$

Have a look what the booklet for
Yxy(19.1620, 0.0816, 0.2723)
contains.

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Color

Yxy(26.3256, 0.2128, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	019AB2
RGB	1, 154, 178
RGB Percent	0%, 60%, 70%
CMY	0.9980, 0.3961, 0.3020
CMYK	1.00, 0.13, 0.00, 0.30
HSL	188°, 99%, 35%
HSV	188°, 100%, 70%
XYZ	19.5946, 26.3256, 46.1596
YIQ	110.9890, -98.8920, -24.9720

Conversions

Conversions Part 2

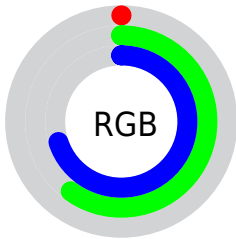
Format	Color
R_{YB}	1, 83, 178
Decimal	105138
CIE _{Lab}	58.34, -25.08, -22.06
CIE _{LCh}	58, 33.404, 221.339
Yxy	26.3256, 0.2128, 0.2859
Android (android.graphics.Color)	4278295218 (0xFF019AB2)
YUV	110.9890, 33.0364, -96.4604
Hunter-Lab	51.3085, -21.6212, -17.4242

Details

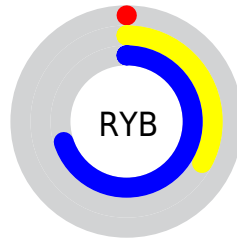
The Yxy color **26.3256, 0.2128, 0.2859** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.1381, 0.6270, 0.3400**, and the grayscale version is **15.7702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9743, 0.2323, 0.2960**, and **10.9834, 0.2087, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **26.3008, 0.2127, 0.2858**, and if you desaturate by 10%, it is **27.2569, 0.2158, 0.2906**.

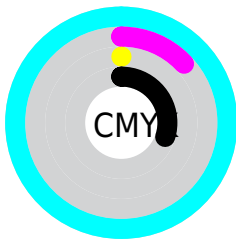
Distribution



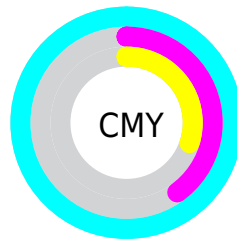
- Red (0%)
- Green (60%)
- Blue (70%)



- Red (0%)
- Yellow (33%)
- Blue (70%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)





- Cyan (100%)
- Magenta (40%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3256, 0.2128, 0.2859 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 26.3256, 0.2128, 0.2859 by changing the saturation by 10% instead.

 26.3256, 0.2128,
0.2859


 26.3256, 0.2128,
0.2859


 284.3768, 0.2652,
0.3109


 17.0674, 0.1991,
0.2784


 53.7998, 0.2323,
0.2959


 10.2825, 0.1814,
0.2681


 72.7845, 0.2395,
0.2993


 5.5867, 0.1577,
0.2530

 95.7802, 0.2455,
0.3022

 2.5954, 0.1249,
0.2293

 123.1712, 0.2507,
0.3045

 0.9244, 0.0558,
0.1940

 155.3420, 0.2551,
0.3065

 0.0000, 0.0000,
0.0000

 192.6769, 0.2589,

0.3082

235.5604, 0.2622,
0.3096

■ 26.3256, 0.2128,
0.2859

■ 26.3256, 0.2128,
0.2859

■ 26.3008, 0.2127,
0.2858

■ 27.2569, 0.2158,
0.2906

■ 28.3204, 0.2203,
0.2953

■ 29.5592, 0.2267,
0.3000

■ 30.9943, 0.2349,
0.3047

■ 32.6434, 0.2449,
0.3093

■ 34.5220, 0.2564,
0.3138

■ 36.6444, 0.2693,
0.3180

■ 39.0235, 0.2833,
0.3220

■ 41.6711, 0.2980,
0.3257

Harmonies

Analogous

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



26.3256, 0.2329, 0.3387



26.3256, 0.2128, 0.2859



26.3256, 0.2163, 0.2519

Triad

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



26.3256, 0.2128, 0.2859



26.3256, 0.3459, 0.2743



26.3256, 0.3813, 0.4269

Complementary

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



26.3256, 0.2128, 0.2859



10.1381, 0.6270, 0.3400

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.



26.3256, 0.4172, 0.3978



26.3256, 0.2128, 0.2859



26.3256, 0.3974, 0.3122

Square

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



26.3256, 0.2128, 0.2859



26.3256, 0.2886, 0.2486



26.3256, 0.4241, 0.3560



26.3256, 0.3288, 0.4285

Rectangle

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



26.3256, 0.2128, 0.2859



26.3256, 0.2314, 0.2416



26.3256, 0.4241, 0.3560



26.3256, 0.3958, 0.4195

Sweetspot

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



26.3265, 0.2128, 0.2859



66.1394, 0.2683, 0.3177



31.9046, 0.2970, 0.5889



14.2887, 0.2628, 0.3159



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.3265, 0.2128, 0.2859



47.4552, 0.2125, 0.2850



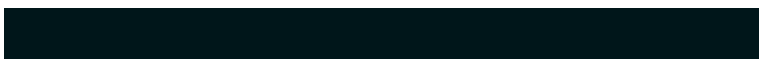
7.0645, 0.1661, 0.1178



9.4317, 0.2986, 0.3258



18.8892, 0.2129, 0.2863



0.6482, 0.2165, 0.2993

Inverse Universe

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



11.8070, 0.3580, 0.1747



21.3664, 0.3589, 0.1751



21.2541, 0.5017, 0.4396



8.6266, 0.3157, 0.3095



8.4470, 0.3577, 0.1744



0.2712, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 26.3256, 0.2128, 0.2859 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 26.3256, 0.2128, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

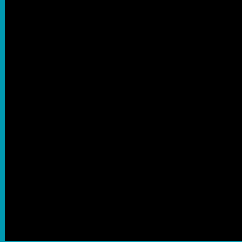
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3256, 0.2128, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 26.3256, 0.2128, 0.2859.

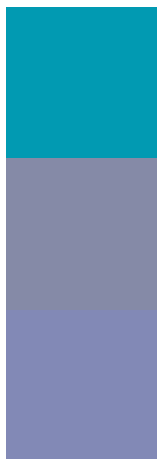


This preview shows how white text looks on a background with the Yxy color 26.3256, 0.2128, 0.2859.

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

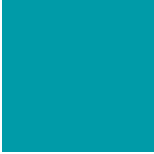
26.3320, 0.2128, 0.2859

Protanopia

25.9535, 0.2800, 0.2824

Deuteranopia

26.0145, 0.2647, 0.2589



Tritanopia

26.2698, 0.2180, 0.3048

Trichromacy



Original Color

26.3320, 0.2128, 0.2859

Protanomaly

24.8181, 0.2392, 0.2817

Deuteranomaly

24.8201, 0.2314, 0.2643

Tritanomaly

26.4212, 0.2161, 0.2978

Monochromacy



Original Color

26.3320, 0.2128, 0.2859

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

18.2676, 0.2489, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3256, 0.2128, 0.2859 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(1, 154, 178)` looks like.

```
.text, #text, p{  
    color:rgb(1, 154, 178)  
}
```

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(1, 154, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 154, 178) }
```

Border

The CSS property to change the border of an element to Yxy 26.3256, 0.2128, 0.2859 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(1, 154, 178) }
```

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

```
.border{ border-color:rgb(1, 154, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 154, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 154, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 154, 178);  
box-shadow:4px 4px 4px 4px rgb(1, 154,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3256, 0.2128, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 154, 178) }
```

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

```
.background{ background-color: rgb(1, 154,  
178) }
```

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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