

Converting Colors

$Yxy(25.3350, 0.1997, 0.2894)$

Have a look what the booklet for
Yxy(25.3350, 0.1997, 0.2894)
contains.

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Color

Yxy(26.2063, 0.2141, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	009AAF
RGB	0, 154, 175
RGB Percent	0%, 60%, 69%
CMY	1.0000, 0.3960, 0.3138
CMYK	1.00, 0.12, 0.00, 0.31
HSL	187°, 100%, 34%
HSV	187°, 100%, 69%
XYZ	19.2876, 26.2063, 44.5931
YIQ	110.3480, -98.5250, -26.1170

Conversions

Conversions Part 2

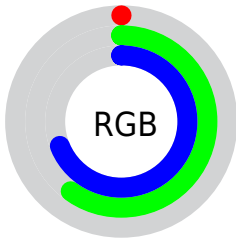
Format	Color
RYB	0, 82, 175
Decimal	39599
CIELab	58.23, -26.15, -20.54
CIELCh	58, 33.248, 218.150
Yxy	26.2063, 0.2141, 0.2909
Android (android.graphics.Color)	4278229679 (0xFF009AAF)
YUV	110.3480, 31.8734, -96.7752
Hunter-Lab	51.1921, -22.3328, -15.8126

Details

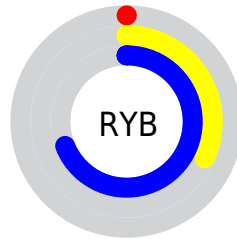
The Yxy color **26.2063, 0.2141, 0.2909** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.6481, 0.6294, 0.3384**, and the grayscale version is **15.6279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7501, 0.2333, 0.2997**, and **10.9328, 0.2099, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **26.2104, 0.2141, 0.2909**, and if you desaturate by 10%, it is **27.0328, 0.2170, 0.2950**.

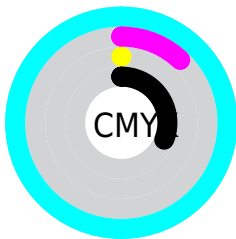
Distribution



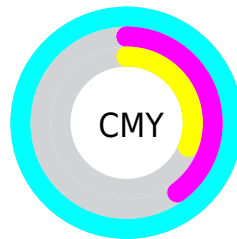
- Red (0%)
- Green (60%)
- Blue (69%)



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



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)




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


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2063, 0.2141, 0.2909 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 26.2063, 0.2141, 0.2909 by changing the saturation by 10% instead.


 26.2063, 0.2141,
0.2909


 26.2063, 0.2141,
0.2909


 283.7933, 0.2659,
0.3132


 16.9780, 0.2005,
0.2841


 53.6076, 0.2335,
0.2999


 10.2188, 0.1829,
0.2746


 72.5494, 0.2406,
0.3030


 5.5443, 0.1591,
0.2606

 95.4978, 0.2465,
0.3055

 2.5700, 0.1262,
0.2383

 122.8373, 0.2516,
0.3076

 0.9116, 0.0514,
0.2056

 154.9522, 0.2559,
0.3094

 0.0000, 0.0000,
0.0000

 192.2269, 0.2597,

0.3108

235.0458, 0.2630,
0.3121

■ 26.2063, 0.2141,
0.2909

■ 26.2063, 0.2141,
0.2909

■ 26.2104, 0.2141,
0.2909

■ 27.0328, 0.2170,
0.2950

■ 27.9770, 0.2212,
0.2991

■ 29.0860, 0.2273,
0.3033

■ 30.3798, 0.2353,
0.3074

■ 31.8756, 0.2451,
0.3115

■ 33.5883, 0.2564,
0.3154

■ 35.5314, 0.2692,
0.3192

■ 37.7174, 0.2830,
0.3227

■ 40.1578, 0.2976,
0.3260

Harmonies

Analogous

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



26.2063, 0.2367, 0.3448



26.2063, 0.2141, 0.2909



26.2063, 0.2151, 0.2547

Triad

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



26.2063, 0.2141, 0.2909



26.2063, 0.3396, 0.2711



26.2063, 0.3860, 0.4246

Complementary

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



26.2063, 0.2141, 0.2909



9.6481, 0.6294, 0.3384

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.



26.2063, 0.4192, 0.3936



26.2063, 0.2141, 0.2909



26.2063, 0.3926, 0.3079

Square

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



26.2063, 0.2141, 0.2909



26.2063, 0.2830, 0.2471



26.2063, 0.4225, 0.3512



26.2063, 0.3347, 0.4296

Rectangle

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



26.2063, 0.2141, 0.2909



26.2063, 0.2285, 0.2429



26.2063, 0.4225, 0.3512



26.2063, 0.3997, 0.4163

Sweetspot

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



26.2104, 0.2141, 0.2909



63.4534, 0.2685, 0.3190



30.7077, 0.2975, 0.5910



13.7742, 0.2631, 0.3174



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.



26.2104, 0.2141, 0.2909



46.7344, 0.2140, 0.2902



7.1184, 0.1673, 0.1221



8.9057, 0.2986, 0.3262



18.8321, 0.2143, 0.2914



0.5690, 0.2177, 0.3038

Inverse Universe

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



11.4462, 0.3535, 0.1721



20.4810, 0.3541, 0.1725



19.8188, 0.5066, 0.4360



8.1313, 0.3155, 0.3093



8.2042, 0.3531, 0.1719



0.2328, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 26.2063, 0.2141, 0.2909 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 26.2063, 0.2141, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

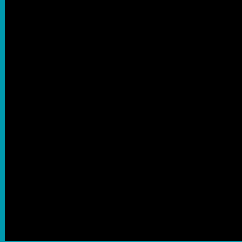
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2063, 0.2141, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 26.2063, 0.2141, 0.2909.

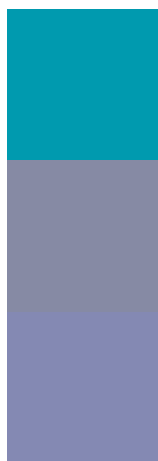


This preview shows how white text looks on a background with the Yxy color 26.2063, 0.2141, 0.2909.

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

26.2063, 0.2141, 0.2909

Protanopia

25.9256, 0.2837, 0.2870

Deuteranopia

26.0515, 0.2689, 0.2633



Tritanopia

26.2327, 0.2185, 0.3066

Trichromacy



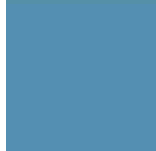
Original Color

26.2063, 0.2141, 0.2909



Protanomaly

24.7050, 0.2411, 0.2866



Deuteranomaly

24.7441, 0.2338, 0.2689



Tritanomaly

26.3450, 0.2170, 0.3013

Monochromacy



Original Color

26.2063, 0.2141, 0.2909



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.9450, 0.2485, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2063, 0.2141, 0.2909 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, 154, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 175)  
}
```

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, 154, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 175) }
```

Border

The CSS property to change the border of an element to Yxy 26.2063, 0.2141, 0.2909 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, 154, 175) }
```

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

```
.border{ border-color:rgb(0, 154, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2063, 0.2141, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 175) }
```

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

```
.background{ background-color: rgb(0, 154,  
175) }
```

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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