

Converting Colors

$Yxy(26.1018, 0.2148, 0.2933)$

Have a look what the booklet for
Yxy(26.1018, 0.2148, 0.2933)
contains.

Yxy(26.1283, 0.2151, 0.2942)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(26.1283, 0.2151, 0.2942)$

Conversions

Conversions Part 1

Format	Color
Hex	009AAD
RGB	0, 154, 173
RGB Percent	0%, 60%, 68%
CMY	0.9983, 0.3961, 0.3215
CMYK	1.00, 0.11, 0.00, 0.32
HSL	187°, 100%, 34%
HSV	187°, 100%, 68%
XYZ	19.1033, 26.1283, 43.5797
YIQ	110.1200, -97.8830, -26.7390

Conversions

Conversions Part 2

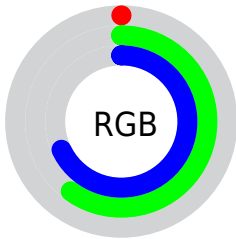
Format	Color
R _{YB}	0, 81, 173
Decimal	39597
CIE Lab	58.16, -26.77, -19.53
CIE LCh	58, 33.135, 216.118
Yxy	26.1283, 0.2151, 0.2942
Android (android.graphics.Color)	4278229677 (0xFF009AAD)
YUV	110.1200, 30.9998, -96.5752
Hunter-Lab	51.1158, -22.7426, -14.7677

Details

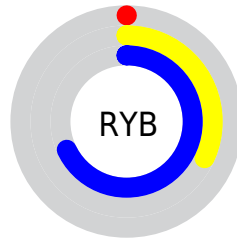
The Yxy color **26.1283, 0.2151, 0.2942** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.3683, 0.6300, 0.3376**, and the grayscale version is **15.5973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5820, 0.2346, 0.3035**, and **10.8832, 0.2112, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **26.1110, 0.2150, 0.2941**, and if you desaturate by 10%, it is **26.8870, 0.2179, 0.2979**.

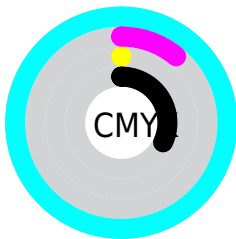
Distribution



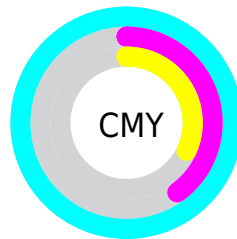
- Red (0%)
- Green (60%)
- Blue (68%)



- Red (0%)
- Yellow (32%)
- Blue (68%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (32%)




- Cyan (100%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1283, 0.2151, 0.2942 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 26.1283, 0.2151, 0.2942 by changing the saturation by 10% instead.

 26.1283, 0.2151,
0.2942


 26.1283, 0.2151,
0.2942


 283.4113, 0.2665,
0.3148


 16.9196, 0.2016,
0.2879


 53.4819, 0.2343,
0.3025

 10.1772, 0.1840,
0.2790


 72.3955, 0.2414,
0.3054


 5.5166, 0.1603,
0.2657

 95.3130, 0.2473,
0.3077

 2.5535, 0.1272,
0.2444

 122.6187, 0.2523,
0.3096

 0.9033, 0.0485,
0.2138

 154.6970, 0.2566,
0.3112

 0.0000, 0.0000,
0.0000

 191.9323, 0.2603,

0.3126

234.7089, 0.2636,
0.3138

■ 26.1283, 0.2151,
0.2942

■ 26.1283, 0.2151,
0.2942

■ 26.1110, 0.2150,
0.2941

■ 26.8870, 0.2179,
0.2979

■ 27.7635, 0.2220,
0.3017

■ 28.7992, 0.2281,
0.3055

■ 30.0136, 0.2360,
0.3093

■ 31.4233, 0.2456,
0.3130

■ 33.0427, 0.2569,
0.3166

■ 34.8849, 0.2696,
0.3200

■ 36.9620, 0.2834,
0.3233

■ 39.2850, 0.2980,
0.3263

Harmonies

Analogous

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



26.1283, 0.2392, 0.3487



26.1283, 0.2151, 0.2942



26.1283, 0.2145, 0.2566

Triad

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



26.1283, 0.2151, 0.2942



26.1283, 0.3356, 0.2691



26.1283, 0.3888, 0.4229

Complementary

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



26.1283, 0.2151, 0.2942



9.3683, 0.6300, 0.3376

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.



26.1283, 0.4202, 0.3908



26.1283, 0.2151, 0.2942



26.1283, 0.3893, 0.3052

Square

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



26.1283, 0.2151, 0.2942



26.1283, 0.2796, 0.2462



26.1283, 0.4212, 0.3482



26.1283, 0.3384, 0.4301

Rectangle

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



26.1283, 0.2151, 0.2942



26.1283, 0.2269, 0.2438



26.1283, 0.4212, 0.3482



26.1283, 0.4020, 0.4142

Sweetspot

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



26.1292, 0.2151, 0.2942



62.1947, 0.2686, 0.3198



29.9391, 0.2979, 0.5924



13.2166, 0.2633, 0.3184



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



26.1292, 0.2151, 0.2942



46.5568, 0.2149, 0.2935



7.3339, 0.1688, 0.1276



8.9190, 0.2986, 0.3264



19.2297, 0.2152, 0.2945



0.5769, 0.2183, 0.3058

Inverse Universe

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



11.2283, 0.3506, 0.1706



20.0657, 0.3512, 0.1708



18.7839, 0.5108, 0.4324



8.1326, 0.3154, 0.3091



8.2443, 0.3503, 0.1703



0.2336, 0.3403, 0.1648

Previews

White Background



This preview shows how the Yxy color 26.1283, 0.2151, 0.2942 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 26.1283, 0.2151, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

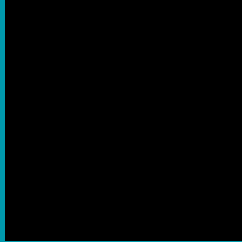
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1283, 0.2151, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 26.1283, 0.2151, 0.2942.



This preview shows how white text looks on a background with the Yxy color 26.1283, 0.2151, 0.2942.

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

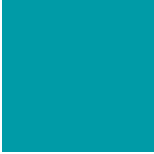
26.1283, 0.2151, 0.2942

Protanopia

25.8539, 0.2855, 0.2901

Deuteranopia

25.7692, 0.2713, 0.2647



Tritanopia

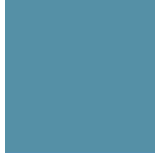
26.2327, 0.2185, 0.3066

Trichromacy



Original Color

26.1283, 0.2151, 0.2942



Protanomaly

24.6310, 0.2424, 0.2899



Deuteranomaly

24.7108, 0.2357, 0.2721



Tritanomaly

26.3073, 0.2175, 0.3030

Monochromacy



Original Color

26.1283, 0.2151, 0.2942



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.9173, 0.2493, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1283, 0.2151, 0.2942 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 173) }
```

Border

The CSS property to change the border of an element to Yxy 26.1283, 0.2151, 0.2942 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, 173) }
```

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

```
.border{ border-color:rgb(0, 154, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 173);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1283, 0.2151, 0.2942 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, 173) }
```

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

```
.background{ background-color: rgb(0, 154,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor