

Converting Colors

$Yxy(24.5856, 0.1879, 0.3083)$

Have a look what the booklet for
Yxy(24.5856, 0.1879, 0.3083)
contains.

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Color

Yxy(26.5301, 0.2195, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	009CA6
RGB	0, 156, 166
RGB Percent	0%, 61%, 65%
CMY	1.0000, 0.3882, 0.3491
CMYK	1.00, 0.06, 0.00, 0.35
HSL	184°, 100%, 33%
HSV	184°, 100%, 65%
XYZ	18.7669, 26.5301, 40.2013
YIQ	110.4960, -96.1860, -29.9620

Conversions

Conversions Part 2

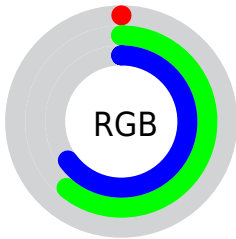
Format	Color
R _Y B	0, 80, 166
Decimal	40102
CIE Lab	58.54, -30.13, -14.97
CIE LCh	59, 33.640, 206.419
Yxy	26.5301, 0.2195, 0.3103
Android (android.graphics.Color)	4278230182 (0xFF009CA6)
YUV	110.4960, 27.3635, -96.9050
Hunter-Lab	51.5074, -25.1009, -10.2204

Details

The Yxy color **26.5301, 0.2195, 0.3103** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.3221, 0.6352, 0.3339**, and the grayscale version is **15.6848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1361, 0.2380, 0.3153**, and **11.1155, 0.2174, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **26.5333, 0.2195, 0.3103**, and if you desaturate by 10%, it is **26.9850, 0.2218, 0.3123**.

Distribution



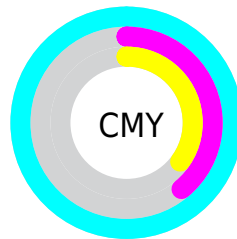
- Red (0%)
- Green (61%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)





- Cyan (100%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5301, 0.2195, 0.3103 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 26.5301, 0.2195, 0.3103 by changing the saturation by 10% instead.


 26.5301, 0.2195,
0.3103


 26.5301, 0.2195,
0.3103


285.3747, 0.2687,
0.3221


 17.2206, 0.2065,
0.3064


 54.1289, 0.2380,
0.3153

 10.3919, 0.1894,
0.3007


 73.1870, 0.2447,
0.3169


 5.6596, 0.1662,
0.2918

 96.2635, 0.2504,
0.3182

 2.6392, 0.1334,
0.2766

 123.7427, 0.2552,
0.3193

 0.9464, 0.0444,
0.2582

 156.0090, 0.2593,
0.3202

 0.0000, 0.0000,
0.0000

 193.4468, 0.2629,

0.3209

236.4406, 0.2660,
0.3215

■ 26.5301, 0.2195,
0.3103

■ 26.5301, 0.2195,
0.3103

■ 26.5333, 0.2195,
0.3103

■ 26.9850, 0.2218,
0.3123

■ 27.5351, 0.2253,
0.3142

■ 28.2232, 0.2307,
0.3163

■ 29.0668, 0.2379,
0.3183

■ 30.0807, 0.2469,
0.3203

■ 31.2782, 0.2576,
0.3222

■ 32.6711, 0.2698,
0.3241

■ 34.2701, 0.2833,
0.3258

■ 36.0852, 0.2977,
0.3275

Harmonies

Analogous

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



26.5301, 0.2510, 0.3678



26.5301, 0.2195, 0.3103



26.5301, 0.2112, 0.2658

Triad

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



26.5301, 0.2195, 0.3103



26.5301, 0.3169, 0.2594



26.5301, 0.4025, 0.4152

Complementary

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



26.5301, 0.2195, 0.3103



8.3221, 0.6352, 0.3339

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.



26.5301, 0.4253, 0.3779



26.5301, 0.2195, 0.3103



26.5301, 0.3741, 0.2921

Square

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



26.5301, 0.2195, 0.3103



26.5301, 0.2633, 0.2417



26.5301, 0.4153, 0.3339



26.5301, 0.3562, 0.4325

Rectangle

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



26.5301, 0.2195, 0.3103



26.5301, 0.2188, 0.2480



26.5301, 0.4153, 0.3339



26.5301, 0.4133, 0.4043

Sweetspot

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



26.5333, 0.2195, 0.3103



59.1547, 0.2691, 0.3240



27.2858, 0.2990, 0.5964



13.0002, 0.2640, 0.3232



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.



26.5333, 0.2195, 0.3103



48.0510, 0.2194, 0.3100



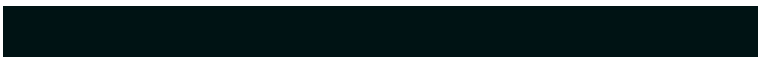
7.7434, 0.1730, 0.1429



8.4537, 0.2987, 0.3276



20.6034, 0.2196, 0.3105



0.5236, 0.2214, 0.3170

Inverse Universe

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



10.5062, 0.3364, 0.1627



19.0598, 0.3367, 0.1629



15.6379, 0.5251, 0.4213



7.6587, 0.3146, 0.3081



8.1510, 0.3363, 0.1626



0.2006, 0.3307, 0.1596

Previews

White Background



This preview shows how the Yxy color 26.5301, 0.2195, 0.3103 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 26.5301, 0.2195, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

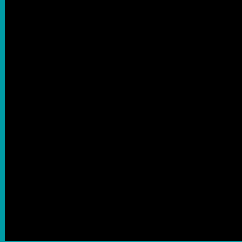
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5301, 0.2195, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 26.5301, 0.2195, 0.3103.

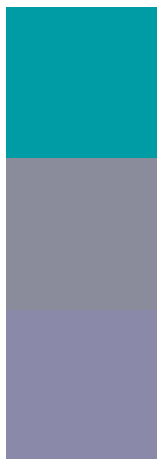


This preview shows how white text looks on a background with the Yxy color 26.5301, 0.2195, 0.3103.

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

26.5301, 0.2195, 0.3103

Protanopia

26.2351, 0.2960, 0.3030

Deuteranopia

26.2826, 0.2832, 0.2772



Tritanopia

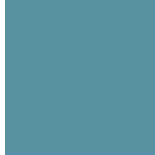
26.6974, 0.2199, 0.3068

Trichromacy



Original Color

26.5301, 0.2195, 0.3103



Protanomaly

24.8287, 0.2496, 0.3037



Deuteranomaly

24.8858, 0.2425, 0.2852



Tritanomaly

26.6250, 0.2199, 0.3085

Monochromacy



Original Color

26.5301, 0.2195, 0.3103



Achromatopsia

15.8961, 0.3127, 0.3290



Achromatomaly

18.1570, 0.2521, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5301, 0.2195, 0.3103 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, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 166)  
}
```

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, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.5301, 0.2195, 0.3103 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, 156, 166) }
```

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

```
.border{ border-color:rgb(0, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5301, 0.2195, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 166) }
```

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

```
.background{ background-color: rgb(0, 156,  
166) }
```

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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