

Converting Colors

$Yxy(25.9057, 0.2173, 0.3021)$

Have a look what the booklet for
Yxy(25.9057, 0.2173, 0.3021)
contains.

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Color

Yxy(25.9384, 0.2175, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	009AA8
RGB	0, 154, 168
RGB Percent	0%, 60%, 66%
CMY	0.9991, 0.3961, 0.3412
CMYK	1.00, 0.08, 0.00, 0.34
HSL	185°, 100%, 33%
HSV	185°, 100%, 66%
XYZ	18.6253, 25.9384, 41.0698
YIQ	109.5500, -96.2780, -28.2940

Conversions

Conversions Part 2

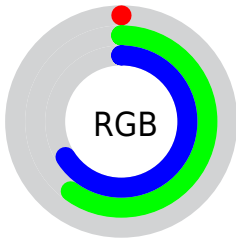
Format	Color
RYB	0, 80, 168
Decimal	39592
CIELab	57.98, -28.45, -16.96
CIELCh	58, 33.123, 210.791
Yxy	25.9384, 0.2175, 0.3029
Android (android.graphics.Color)	4278229672 (0xFF009AA8)
YUV	109.5500, 28.8159, -96.0754
Hunter-Lab	50.9298, -23.8486, -12.1607

Details

The Yxy color **25.9384, 0.2175, 0.3029** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8.6458, 0.6329, 0.3355**, and the grayscale version is **15.4153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2558, 0.2365, 0.3099**, and **10.7637, 0.2145, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **25.9313, 0.2175, 0.3029**, and if you desaturate by 10%, it is **26.5229, 0.2200, 0.3057**.

Distribution



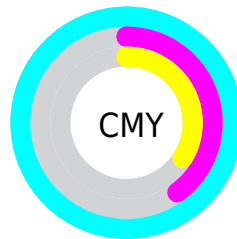
- Red (0%)
- Green (60%)
- Blue (66%)



- Red (0%)
- Yellow (31%)
- Blue (66%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)




- Cyan (100%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9384, 0.2175, 0.3029 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 25.9384, 0.2175, 0.3029 by changing the saturation by 10% instead.


 25.9384, 0.2175,
0.3029


 25.9384, 0.2175,
0.3029


 282.4796, 0.2679,
0.3188


 16.7776, 0.2042,
0.2978


 53.1756, 0.2364,
0.3094


 10.0760, 0.1867,
0.2906


 72.0207, 0.2433,
0.3117


 5.4494, 0.1631,
0.2795

 94.8626, 0.2491,
0.3134

 2.5133, 0.1298,
0.2610

 122.0859, 0.2540,
0.3149

 0.8833, 0.0389,
0.2371

 154.0748, 0.2582,
0.3161

 0.0000, 0.0000,
0.0000

 191.2138, 0.2618,

0.3171

233.8873, 0.2650,
0.3180

■ 25.9384, 0.2175,
0.3029

■ 25.9384, 0.2175,
0.3029

■ 25.9313, 0.2175,
0.3029

■ 26.5229, 0.2200,
0.3057

■ 27.2116, 0.2238,
0.3085

■ 28.0451, 0.2295,
0.3113

■ 29.0414, 0.2370,
0.3141

■ 30.2157, 0.2464,
0.3169

■ 31.5816, 0.2574,
0.3196

■ 33.1512, 0.2698,
0.3222

■ 34.9358, 0.2834,
0.3246

■ 36.9455, 0.2979,
0.3269

Harmonies

Analogous

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



25.9384, 0.2456, 0.3591



25.9384, 0.2175, 0.3029



25.9384, 0.2127, 0.2616

Triad

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



25.9384, 0.2175, 0.3029



25.9384, 0.3253, 0.2638



25.9384, 0.3963, 0.4187

Complementary

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



25.9384, 0.2175, 0.3029



8.6458, 0.6329, 0.3355

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.



25.9384, 0.4230, 0.3837



25.9384, 0.2175, 0.3029



25.9384, 0.3810, 0.2980

Square

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



25.9384, 0.2175, 0.3029



25.9384, 0.2706, 0.2438



25.9384, 0.4181, 0.3404



25.9384, 0.3481, 0.4315

Rectangle

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



25.9384, 0.2175, 0.3029



25.9384, 0.2225, 0.2461



25.9384, 0.4181, 0.3404



25.9384, 0.4082, 0.4088

Sweetspot

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



25.9393, 0.2175, 0.3029



59.9491, 0.2689, 0.3220



28.0388, 0.2983, 0.5938



12.8084, 0.2638, 0.3210



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.



25.9393, 0.2175, 0.3029



46.9027, 0.2173, 0.3024



7.2263, 0.1702, 0.1327



8.4234, 0.2987, 0.3271



19.6187, 0.2175, 0.3031



0.5075, 0.2201, 0.3123

Inverse Universe

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



10.6629, 0.3429, 0.1663



19.3236, 0.3433, 0.1665



17.0790, 0.5154, 0.4288



7.6557, 0.3150, 0.3086



8.0516, 0.3427, 0.1661



0.1989, 0.3347, 0.1617

Previews

White Background



This preview shows how the Yxy color 25.9384, 0.2175, 0.3029 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 25.9384, 0.2175, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

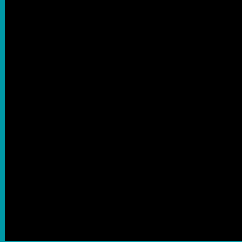
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9384, 0.2175, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 25.9384, 0.2175, 0.3029.

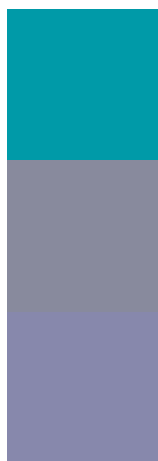


This preview shows how white text looks on a background with the Yxy color 25.9384, 0.2175, 0.3029.

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

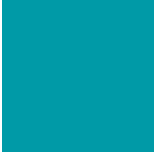
25.9384, 0.2175, 0.3029

Protanopia

25.8455, 0.2920, 0.2980

Deuteranopia

25.7378, 0.2774, 0.2721



Tritanopia

25.9012, 0.2180, 0.3047

Trichromacy



Original Color

25.9384, 0.2175, 0.3029



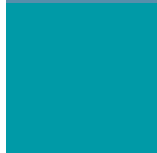
Protanomaly

24.5460, 0.2472, 0.2984



Deuteranomaly

24.5636, 0.2395, 0.2800



Tritanomaly

25.9012, 0.2180, 0.3047

Monochromacy



Original Color

25.9384, 0.2175, 0.3029



Achromatopsia

15.5926, 0.3127, 0.3290



Achromatomaly

17.8625, 0.2509, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9384, 0.2175, 0.3029 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 168) }
```

Border

The CSS property to change the border of an element to Yxy 25.9384, 0.2175, 0.3029 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, 168) }
```

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

```
.border{ border-color:rgb(0, 154, 168) }
```

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, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9384, 0.2175, 0.3029 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, 168) }
```

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

```
.background{ background-color: rgb(0, 154,  
168) }
```

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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