

Converting Colors

$Y_{xy}(10.8500, 0.2158, 0.2968)$

Have a look what the booklet for
Yxy(10.8500, 0.2158, 0.2968)
contains.

Yxy(10.9383, 0.2159, 0.2973)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(10.9383, 0.2159, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	006773
RGB	0, 103, 115
RGB Percent	0%, 40%, 45%
CMY	1.0000, 0.5961, 0.5490
CMYK	1.00, 0.10, 0.00, 0.55
HSL	186°, 100%, 23%
HSV	186°, 100%, 45%
XYZ	7.9434, 10.9383, 17.9104
YIQ	73.5710, -65.2400, -18.1040

Conversions

Conversions Part 2

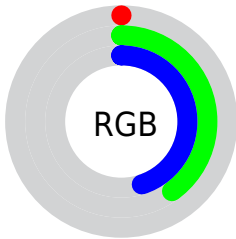
Format	Color
RYB	0, 54, 115
Decimal	26483
CIELab	39.48, -20.52, -13.93
CIELCh	39, 24.802, 214.183
Yxy	10.9383, 0.2159, 0.2973
Android (android.graphics.Color)	4278216563 (0xFF006773)
YUV	73.5710, 20.4245, -64.5218
Hunter-Lab	33.0731, -15.0062, -8.9567

Details

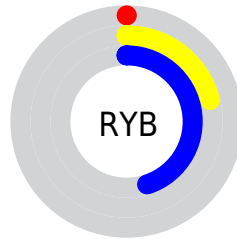
The Yxy color **10.9383, 0.2159, 0.2973** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.9071, 0.6271, 0.3403**, and the grayscale version is **6.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4377, 0.2399, 0.3060**, and **3.2336, 0.2117, 0.2820** is the 20% darker color. If you saturate the color by 10%, you get **10.9393, 0.2159, 0.2973**, and if you desaturate by 10%, it is **11.2542, 0.2194, 0.3007**.

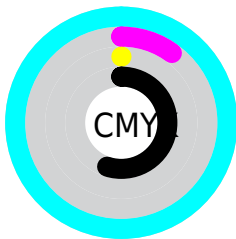
Distribution



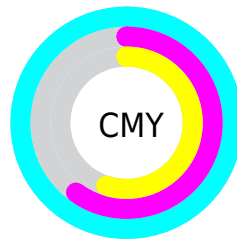
- Red (0%)
- Green (40%)
- Blue (45%)



- Red (0%)
- Yellow (21%)
- Blue (45%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)




- Cyan (100%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9383, 0.2159, 0.2973 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 10.9383, 0.2159, 0.2973 by changing the saturation by 10% instead.


 10.9383, 0.2159,
0.2973


 10.9383, 0.2159,
0.2973


197.2438, 0.2739,
0.3184


 6.0254, 0.1971,
0.2890

 27.5460, 0.2399,
0.3068


 2.8605, 0.1698,
0.2753


 40.0096, 0.2479,
0.3098

 1.0593, 0.1184,
0.2527

 55.7588, 0.2544,
0.3120


 0.0000, 0.0000,
0.0000


 75.1781, 0.2597,
0.3138

 98.6519, 0.2641,
0.3153


 126.5644, 0.2679,

0.3165


 159.3003, 0.2711,
0.3175


 10.9383, 0.2159,
0.2973


 10.9383, 0.2159,
0.2973


 10.9393, 0.2159,
0.2973

 11.2542, 0.2194,
0.3007

 11.6054, 0.2238,
0.3042

 12.0190, 0.2300,
0.3076

 12.5017, 0.2379,
0.3111

 13.0595, 0.2475,
0.3144

■ 13.6976, 0.2585,
0.3177

■ 14.4207, 0.2708,
0.3208

■ 15.2332, 0.2841,
0.3237

■ 16.1392, 0.2982,
0.3265

Harmonies

Analogous

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



10.9383, 0.2415, 0.3525



10.9383, 0.2159, 0.2973



10.9383, 0.2138, 0.2584

Triad

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



10.9383, 0.2159, 0.2973



10.9383, 0.3319, 0.2671



10.9383, 0.3916, 0.4214

Complementary

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



10.9383, 0.2159, 0.2973



3.9071, 0.6271, 0.3403

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.



10.9383, 0.4213, 0.3882



10.9383, 0.2159, 0.2973



10.9383, 0.3864, 0.3026

Square

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



10.9383, 0.2159, 0.2973



10.9383, 0.2763, 0.2453



10.9383, 0.4202, 0.3453



10.9383, 0.3419, 0.4308

Rectangle

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



10.9383, 0.2159, 0.2973



10.9383, 0.2252, 0.2446



10.9383, 0.4202, 0.3453



10.9383, 0.4043, 0.4123

Sweetspot

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



10.9393, 0.2159, 0.2973



25.7180, 0.2698, 0.3206



12.2855, 0.2970, 0.5891



6.0289, 0.2656, 0.3195



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



10.9393, 0.2159, 0.2973



19.4790, 0.2157, 0.2964



3.1915, 0.1705, 0.1336



4.0932, 0.2995, 0.3267



12.4893, 0.2159, 0.2971



60.1250, 0.2154, 0.2953

Inverse Universe

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



4.6239, 0.3478, 0.1690



8.2695, 0.3486, 0.1694



7.9003, 0.5071, 0.4356



3.7517, 0.3151, 0.3102



5.2848, 0.3480, 0.1691



25.6790, 0.3496, 0.1700

Previews

White Background



This preview shows how the Yxy color 10.9383, 0.2159, 0.2973 looks on a white 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

Black Background



This preview shows how the Yxy color 10.9383, 0.2159, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

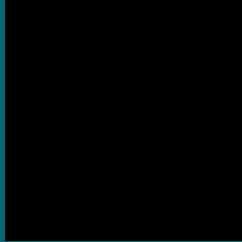
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9383, 0.2159, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 10.9383, 0.2159, 0.2973.



This preview shows how white text looks on a background with the Yxy color 10.9383, 0.2159, 0.2973.

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

10.9383, 0.2159, 0.2973

Protanopia

10.9107, 0.2875, 0.2918

Deuteranopia

10.9140, 0.2735, 0.2681



Tritanopia

10.8703, 0.2180, 0.3048

Trichromacy



Original Color

10.9383, 0.2159, 0.2973

Protanomaly

10.3833, 0.2448, 0.2908

Deuteranomaly

10.3386, 0.2386, 0.2744

Tritanomaly

10.8928, 0.2173, 0.3023

Monochromacy



Original Color

10.9383, 0.2159, 0.2973

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.8226, 0.2522, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9383, 0.2159, 0.2973 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, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 115)  
}
```

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, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 115) }
```

Border

The CSS property to change the border of an element to Yxy 10.9383, 0.2159, 0.2973 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, 103, 115) }
```

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

```
.border{ border-color:rgb(0, 103, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 103, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9383, 0.2159, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 103, 115) }
```

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

```
.background{ background-color: rgb(0, 103,  
115) }
```

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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