

Converting Colors

$Yxy(11.0401, 0.2118, 0.2825)$

Have a look what the booklet for
Yxy(11.0401, 0.2118, 0.2825)
contains.

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Color

Yxy(11.0810, 0.2119, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	006779
RGB	0, 103, 121
RGB Percent	0%, 40%, 47%
CMY	1.0000, 0.5961, 0.5255
CMYK	1.00, 0.15, 0.00, 0.53
HSL	189°, 100%, 24%
HSV	189°, 100%, 47%
XYZ	8.3000, 11.0810, 19.7883
YIQ	74.2550, -67.1660, -16.2380

Conversions

Conversions Part 2

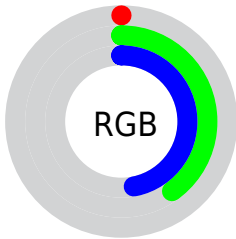
Format	Color
RYB	0, 56, 121
Decimal	26489
CIELab	39.72, -18.33, -17.22
CIELCh	40, 25.152, 223.219
Yxy	11.0810, 0.2119, 0.2829
Android (android.graphics.Color)	4278216569 (0xFF006779)
YUV	74.2550, 23.0453, -65.1216
Hunter-Lab	33.2881, -13.7475, -11.9436

Details

The Yxy color **11.0810, 0.2119, 0.2829** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4.4967, 0.6213, 0.3449**, and the grayscale version is **6.8633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7061, 0.2368, 0.2961**, and **3.2962, 0.2065, 0.2635** is the 20% darker color. If you saturate the color by 10%, you get **11.0821, 0.2119, 0.2829**, and if you desaturate by 10%, it is **11.5227, 0.2158, 0.2880**.

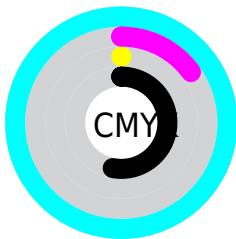
Distribution



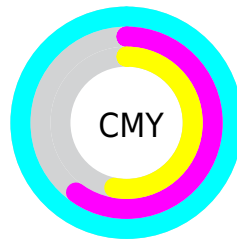
- Red (0%)
- Green (40%)
- Blue (47%)



- Red (0%)
- Yellow (22%)
- Blue (47%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (53%)





- Cyan (100%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0810, 0.2119, 0.2829 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 11.0810, 0.2119, 0.2829 by changing the saturation by 10% instead.


 11.0810, 0.2119,
0.2829

 11.0810, 0.2119,
0.2829


198.2224, 0.2719,
0.3127


 6.1213, 0.1927,
0.2718

 27.8099, 0.2366,
0.2960


 2.9190, 0.1653,
0.2543


 40.3478, 0.2449,
0.3002

 1.0896, 0.1188,
0.2251

 56.1807, 0.2516,
0.3034

 0.0000, 0.0000,
0.0000

 75.6929, 0.2571,
0.3060

 99.2688, 0.2618,
0.3081

 127.2927, 0.2657,

0.3099

160.1491, 0.2690,
0.3114

11.0810, 0.2119,
0.2829

11.0810, 0.2119,
0.2829

11.0821, 0.2119,
0.2829

11.5227, 0.2158,
0.2880

12.0099, 0.2208,
0.2930

12.5710, 0.2275,
0.2981

13.2138, 0.2359,
0.3031

13.9449, 0.2460,
0.3080

■ 14.7704, 0.2575,
0.3127

■ 15.6956, 0.2702,
0.3172

■ 16.7256, 0.2838,
0.3215

■ 17.8650, 0.2981,
0.3254

Harmonies

Analogous

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



11.0810, 0.2306, 0.3350



11.0810, 0.2119, 0.2829



11.0810, 0.2169, 0.2502

Triad

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



11.0810, 0.2119, 0.2829



11.0810, 0.3496, 0.2762



11.0810, 0.3786, 0.4284

Complementary

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



11.0810, 0.2119, 0.2829



4.4967, 0.6213, 0.3449

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.



11.0810, 0.4162, 0.4004



11.0810, 0.2119, 0.2829



11.0810, 0.4004, 0.3148

Square

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



11.0810, 0.2119, 0.2829



11.0810, 0.2919, 0.2495



11.0810, 0.4252, 0.3588



11.0810, 0.3253, 0.4279

Rectangle

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



11.0810, 0.2119, 0.2829



11.0810, 0.2329, 0.2408



11.0810, 0.4252, 0.3588



11.0810, 0.3936, 0.4215

Sweetspot

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



11.0821, 0.2119, 0.2829



27.9792, 0.2692, 0.3169



13.7110, 0.2960, 0.5855



6.2662, 0.2649, 0.3154



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.0821, 0.2119, 0.2829



19.6875, 0.2116, 0.2817



3.2090, 0.1676, 0.1232



4.4158, 0.2994, 0.3257



11.8648, 0.2119, 0.2827



55.6169, 0.2112, 0.2801

Inverse Universe

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



5.0439, 0.3608, 0.1761



9.0172, 0.3619, 0.1767



9.3205, 0.4987, 0.4422



4.0678, 0.3157, 0.3110



5.4046, 0.3609, 0.1762



25.6817, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 11.0810, 0.2119, 0.2829 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 11.0810, 0.2119, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

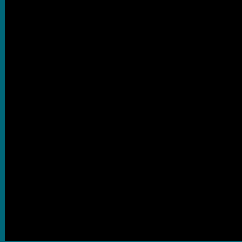
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0810, 0.2119, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 11.0810, 0.2119, 0.2829.

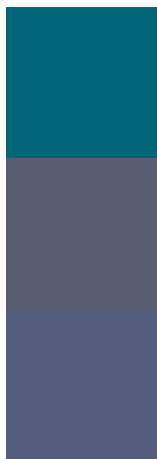


This preview shows how white text looks on a background with the Yxy color 11.0810, 0.2119, 0.2829.

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

11.0810, 0.2119, 0.2829

Protanopia

11.1675, 0.2787, 0.2811

Deuteranopia

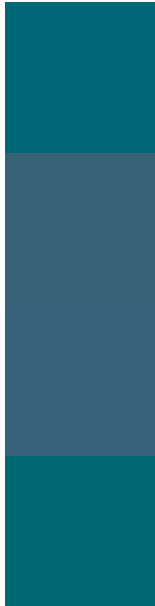
11.0628, 0.2639, 0.2598



Tritanopia

11.0705, 0.2188, 0.3075

Trichromacy



Original Color

11.0810, 0.2119, 0.2829

Protanomaly

10.7036, 0.2396, 0.2795

Deuteranomaly

10.5831, 0.2328, 0.2658

Tritanomaly

11.1384, 0.2167, 0.3000

Monochromacy



Original Color

11.0810, 0.2119, 0.2829

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.8567, 0.2499, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0810, 0.2119, 0.2829 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 103, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 103, 121) }
```

Border

The CSS property to change the border of an element to Yxy 11.0810, 0.2119, 0.2829 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, 121) }
```

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

```
.border{ border-color:rgb(0, 103, 121) }
```

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, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 103, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 103, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 103,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0810, 0.2119, 0.2829 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, 121) }
```

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

```
.background{ background-color: rgb(0, 103,  
121) }
```

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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