

Converting Colors

$Yxy(10.9224, 0.2039, 0.3471)$

Have a look what the booklet for
Yxy(10.9224, 0.2039, 0.3471)
contains.

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Color

Yxy(11.6647, 0.2300, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	006C65
RGB	0, 108, 101
RGB Percent	0%, 42%, 40%
CMY	0.9996, 0.5765, 0.6040
CMYK	1.00, 0.00, 0.06, 0.58
HSL	176°, 100%, 21%
HSV	176°, 100%, 42%
XYZ	7.7116, 11.6647, 14.1525
YIQ	74.9100, -62.1210, -25.0730

Conversions

Conversions Part 2

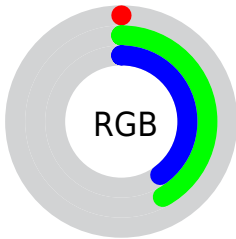
Format	Color
RYB	0, 56, 108
Decimal	27749
CIELab	40.68, -27.84, -3.59
CIELCh	41, 28.075, 187.346
Yxy	11.6647, 0.2300, 0.3479
Android (android.graphics.Color)	4278217829 (0xFF006C65)
YUV	74.9100, 12.8624, -65.6961
Hunter-Lab	34.1536, -19.4648, -0.6610

Details

The Yxy color **11.6647, 0.2300, 0.3479** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.2059, 0.6271, 0.3230**, and the grayscale version is **7.0090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8645, 0.2505, 0.3432**, and **3.4981, 0.2322, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **11.6644, 0.2300, 0.3479**, and if you desaturate by 10%, it is **11.7488, 0.2320, 0.3458**.

Distribution



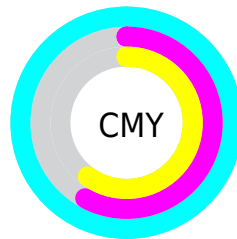
- Red (0%)
- Green (42%)
- Blue (40%)



- Red (0%)
- Yellow (22%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6647, 0.2300, 0.3479 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 11.6647, 0.2300, 0.3479 by changing the saturation by 10% instead.


 11.6647, 0.2300,
0.3479


 11.6647, 0.2300,
0.3479


 202.1727, 0.2799,
0.3371


 6.5158, 0.2134,
0.3510


 28.8829, 0.2508,
0.3437

 3.1612, 0.1887,
0.3551

 41.7211, 0.2578,
0.3422


 1.2165, 0.1337,
0.3664

 57.8910, 0.2633,
0.3409

 0.0751, 0.0000,
0.1841

 77.7773, 0.2679,
0.3399

 0.0000, 0.0000,
0.0000

 101.7642, 0.2716,
0.3391

 130.2361, 0.2748,


0.3383


 163.5775, 0.2776,
0.3377


 11.6647, 0.2300,
0.3479

 11.6647, 0.2300,
0.3479


 11.6644, 0.2300,
0.3479

 11.7488, 0.2320,
0.3458

 11.8594, 0.2349,
0.3438

 12.0214, 0.2395,
0.3417

 12.2405, 0.2458,
0.3397

 12.5218, 0.2538,
0.3377

■ 12.8695, 0.2634,
0.3357

■ 13.2879, 0.2742,
0.3339

■ 13.7805, 0.2863,
0.3321

■ 14.3509, 0.2992,
0.3305

Harmonies

Analogous

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



11.6647, 0.2777, 0.4090



11.6647, 0.2300, 0.3479



11.6647, 0.2051, 0.2877

Triad

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



11.6647, 0.2300, 0.3479



11.6647, 0.2782, 0.2391



11.6647, 0.4305, 0.3977

Complementary

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



11.6647, 0.2300, 0.3479



3.2059, 0.6271, 0.3230

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.



11.6647, 0.4337, 0.3511



11.6647, 0.2300, 0.3479



11.6647, 0.3404, 0.2647

Square

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



11.6647, 0.2300, 0.3479



11.6647, 0.2308, 0.2324



11.6647, 0.3997, 0.3042



11.6647, 0.3941, 0.4334

Rectangle

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



11.6647, 0.2300, 0.3479



11.6647, 0.2027, 0.2584



11.6647, 0.3997, 0.3042



11.6647, 0.4357, 0.3827

Sweetspot

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



11.6651, 0.2300, 0.3479



23.2567, 0.2732, 0.3340



10.7725, 0.3027, 0.5978



5.5701, 0.2696, 0.3346



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.6651, 0.2300, 0.3479



20.4715, 0.2301, 0.3485



4.4467, 0.1856, 0.1880



3.4887, 0.3005, 0.3303



13.9113, 0.2300, 0.3481



70.8343, 0.2304, 0.3493

Inverse Universe

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



3.2059, 0.6271, 0.3230



5.6172, 0.6306, 0.3248



5.2098, 0.5520, 0.3997



3.1197, 0.3263, 0.3277



3.8194, 0.6285, 0.3236



19.4137, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 11.6647, 0.2300, 0.3479 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 11.6647, 0.2300, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

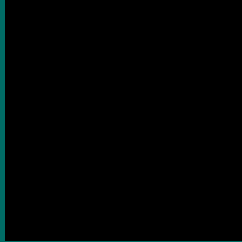
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 11.6647, 0.2300, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 11.6647, 0.2300, 0.3479.



This preview shows how white text looks on a background with the Yxy color 11.6647, 0.2300, 0.3479.

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

11.6647, 0.2300, 0.3479

Protanopia

11.5892, 0.3188, 0.3313

Deuteranopia

11.5949, 0.3093, 0.3044



Tritanopia

11.7525, 0.2250, 0.3058

Trichromacy



Original Color

11.6647, 0.2300, 0.3479

Protanomaly

11.0015, 0.2663, 0.3367

Deuteranomaly

10.8046, 0.2613, 0.3161

Tritanomaly

11.7513, 0.2263, 0.3209

Monochromacy



Original Color

11.6647, 0.2300, 0.3479

Achromatopsia

7.0360, 0.3127, 0.3290

Achromatomaly

8.0849, 0.2602, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6647, 0.2300, 0.3479 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, 108, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 101)  
}
```

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, 108, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 101) }
```

Border

The CSS property to change the border of an element to Yxy 11.6647, 0.2300, 0.3479 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, 108, 101) }
```

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

```
.border{ border-color:rgb(0, 108, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6647, 0.2300, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 101) }
```

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

```
.background{ background-color: rgb(0, 108,  
101) }
```

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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