

Converting Colors

$Y_{xy}(9.2389, 0.1460, 0.3455)$

Have a look what the booklet for
Yxy(9.2389, 0.1460, 0.3455)
contains.

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Color

$Y_{xy}(11.0233, 0.2285, 0.3426)$

Conversions

Conversions Part 1

Format	Color
Hex	006964
RGB	0, 105, 100
RGB Percent	0%, 41%, 39%
CMY	1.0000, 0.5882, 0.6078
CMYK	1.00, 0.00, 0.05, 0.59
HSL	177°, 100%, 21%
HSV	177°, 100%, 41%
XYZ	7.3521, 11.0233, 13.8000
YIQ	73.0350, -60.9750, -23.8150

Conversions

Conversions Part 2

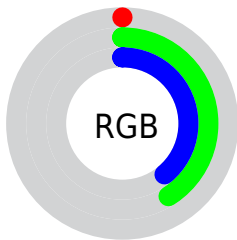
Format	Color
RYB	0, 54, 105
Decimal	26980
CIELab	39.62, -26.70, -4.57
CIELCh	40, 27.088, 189.705
Yxy	11.0233, 0.2285, 0.3426
Android (android.graphics.Color)	4278217060 (0xFF006964)
YUV	73.0350, 13.2937, -64.0517
Hunter-Lab	33.2014, -18.5755, -1.4028

Details

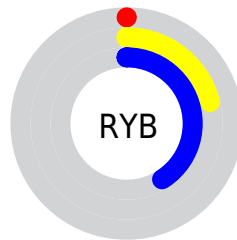
The Yxy color **11.0233, 0.2285, 0.3426** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.0143, 0.6305, 0.3247**, and the grayscale version is **6.6539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8042, 0.2501, 0.3397**, and **3.1926, 0.2285, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **11.0238, 0.2285, 0.3426**, and if you desaturate by 10%, it is **11.1013, 0.2307, 0.3411**.

Distribution



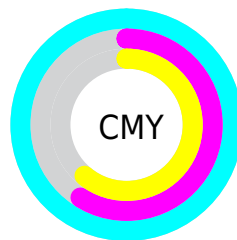
- Red (0%)
- Green (41%)
- Blue (39%)



- Red (0%)
- Yellow (21%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (59%)





- Cyan (100%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0233, 0.2285, 0.3426 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 11.0233, 0.2285, 0.3426 by changing the saturation by 10% instead.


 11.0233, 0.2285,
0.3426


 11.0233, 0.2285,
0.3426


 197.8273, 0.2796,
0.3352


 6.0825, 0.2113,
0.3445

 27.7032, 0.2499,
0.3398


 2.8953, 0.1857,
0.3465


 40.2112, 0.2570,
0.3388

 1.0773, 0.1196,
0.3575

 56.0103, 0.2627,
0.3379


 0.0000, 0.0000,
0.0000


 75.4850, 0.2673,
0.3372


 99.0197, 0.2712,
0.3366

 126.9987, 0.2744,


0.3360


 159.8064, 0.2772,
0.3356


 11.0233, 0.2285,
0.3426


 11.0233, 0.2285,
0.3426


 11.0238, 0.2285,
0.3426

 11.1013, 0.2307,
0.3411

 11.2027, 0.2338,
0.3396

 11.3522, 0.2385,
0.3382

 11.5552, 0.2449,
0.3367

 11.8163, 0.2530,
0.3352

■ 12.1397, 0.2626,
0.3338

■ 12.5290, 0.2736,
0.3325

■ 12.9879, 0.2858,
0.3312

■ 13.5195, 0.2989,
0.3301

Harmonies

Analogous

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



11.0233, 0.2741, 0.4035



11.0233, 0.2285, 0.3426



11.0233, 0.2059, 0.2845

Triad

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



11.0233, 0.2285, 0.3426



11.0233, 0.2833, 0.2418



11.0233, 0.4268, 0.4001

Complementary

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



11.0233, 0.2285, 0.3426



3.0143, 0.6305, 0.3247

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.



11.0233, 0.4328, 0.3546



11.0233, 0.2285, 0.3426



11.0233, 0.3450, 0.2683

Square

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



11.0233, 0.2285, 0.3426



11.0233, 0.2350, 0.2336



11.0233, 0.4020, 0.3081



11.0233, 0.3890, 0.4336

Rectangle

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



11.0233, 0.2285, 0.3426



11.0233, 0.2048, 0.2569



11.0233, 0.4020, 0.3081



11.0233, 0.4329, 0.3856

Sweetspot

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



11.0238, 0.2285, 0.3426



22.3691, 0.2726, 0.3326



10.1373, 0.3021, 0.5984



5.1881, 0.2692, 0.3330



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.0238, 0.2285, 0.3426



19.7340, 0.2286, 0.3430



4.0210, 0.1841, 0.1828



3.4895, 0.3003, 0.3300



13.9564, 0.2286, 0.3428



71.0768, 0.2288, 0.3436

Inverse Universe

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



3.0143, 0.6305, 0.3247



5.3921, 0.6330, 0.3261



5.0565, 0.5472, 0.4038



3.1189, 0.3266, 0.3280



3.8149, 0.6316, 0.3253



19.4022, 0.6365, 0.3280

Previews

White Background



This preview shows how the Yxy color 11.0233, 0.2285, 0.3426 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 11.0233, 0.2285, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

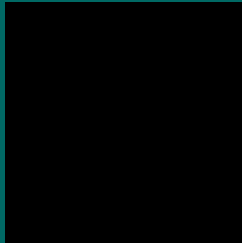
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0233, 0.2285, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 11.0233, 0.2285, 0.3426.



This preview shows how white text looks on a background with the Yxy color 11.0233, 0.2285, 0.3426.

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

11.0233, 0.2285, 0.3426

Protanopia

11.0519, 0.3158, 0.3290

Deuteranopia

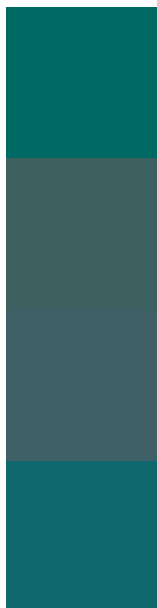
11.0581, 0.3062, 0.3016



Tritanopia

11.0525, 0.2244, 0.3052

Trichromacy



Original Color

11.0233, 0.2285, 0.3426

Protanomaly

10.3546, 0.2641, 0.3315

Deuteranomaly

10.3492, 0.2594, 0.3133

Tritanomaly

11.0849, 0.2254, 0.3181

Monochromacy



Original Color

11.0233, 0.2285, 0.3426

Achromatopsia

6.6626, 0.3127, 0.3290

Achromatomaly

7.7024, 0.2582, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0233, 0.2285, 0.3426 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, 105, 100)` looks like.

```
.text, #text, p{  
  color:rgb(0, 105, 100)  
}
```

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, 105, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 100) }
```

Border

The CSS property to change the border of an element to Yxy 11.0233, 0.2285, 0.3426 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, 105, 100) }
```

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

```
.border{ border-color:rgb(0, 105, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0233, 0.2285, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 100) }
```

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

```
.background{ background-color: rgb(0, 105,  
100) }
```

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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