

Converting Colors

$Y_{xy}(10.8951, 0.2101, 0.3083)$

Have a look what the booklet for
Yxy(10.8951, 0.2101, 0.3083)
contains.

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Color

Yxy(11.0705, 0.2188, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	006870
RGB	0, 104, 112
RGB Percent	0%, 41%, 44%
CMY	0.9992, 0.5922, 0.5607
CMYK	1.00, 0.07, 0.00, 0.56
HSL	184°, 100%, 22%
HSV	184°, 100%, 44%
XYZ	7.8772, 11.0705, 17.0540
YIQ	73.8160, -64.5520, -19.5600

Conversions

Conversions Part 2

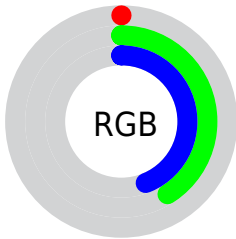
Format	Color
RYB	0, 54, 112
Decimal	26736
CIELab	39.70, -22.09, -11.78
CIELCh	40, 25.029, 208.065
Yxy	11.0705, 0.2188, 0.3075
Android (android.graphics.Color)	4278216816 (0xFF006870)
YUV	73.8160, 18.8247, -64.7366
Hunter-Lab	33.2724, -15.9672, -7.0988

Details

The Yxy color **11.0705, 0.2188, 0.3075** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.6243, 0.6303, 0.3373**, and the grayscale version is **6.7989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9531, 0.2419, 0.3147**, and **3.1985, 0.2150, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **11.0668, 0.2187, 0.3075**, and if you desaturate by 10%, it is **11.3060, 0.2219, 0.3098**.

Distribution



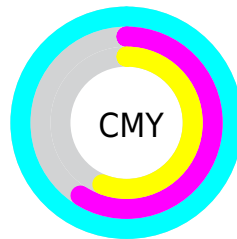
- Red (0%)
- Green (41%)
- Blue (44%)



- Red (0%)
- Yellow (21%)
- Blue (44%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)




- Cyan (100%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0705, 0.2188, 0.3075 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 11.0705, 0.2188, 0.3075 by changing the saturation by 10% instead.


 11.0705, 0.2188,
0.3075


 11.0705, 0.2188,
0.3075


198.1506, 0.2751,
0.3223


 6.1143, 0.2004,
0.3013

 27.7905, 0.2421,
0.3144


 2.9147, 0.1737,
0.2909


 40.3230, 0.2500,
0.3164

 1.0874, 0.1213,
0.2739

 56.1497, 0.2562,
0.3180

 0.0000, 0.0000,
0.0000

 75.6551, 0.2614,
0.3192

 99.2235, 0.2657,
0.3202

 127.2392, 0.2693,

0.3210

160.0868, 0.2724,
0.3217

11.0705, 0.2188,
0.3075

11.0705, 0.2188,
0.3075

11.0668, 0.2187,
0.3075

11.3060, 0.2219,
0.3098

11.5735, 0.2261,
0.3121

11.8983, 0.2319,
0.3144

12.2866, 0.2394,
0.3168

12.7440, 0.2486,
0.3190

■ 13.2752, 0.2593,
0.3213

■ 13.8848, 0.2714,
0.3234

■ 14.5767, 0.2845,
0.3254

■ 15.3548, 0.2985,
0.3273

Harmonies

Analogous

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



11.0705, 0.2490, 0.3645



11.0705, 0.2188, 0.3075



11.0705, 0.2118, 0.2642

Triad

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



11.0705, 0.2188, 0.3075



11.0705, 0.3200, 0.2611



11.0705, 0.4001, 0.4165

Complementary

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



11.0705, 0.2188, 0.3075



3.6243, 0.6303, 0.3373

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.



11.0705, 0.4244, 0.3801



11.0705, 0.2188, 0.3075



11.0705, 0.3766, 0.2943

Square

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



11.0705, 0.2188, 0.3075



11.0705, 0.2661, 0.2425



11.0705, 0.4163, 0.3364



11.0705, 0.3532, 0.4321

Rectangle

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



11.0705, 0.2188, 0.3075



11.0705, 0.2202, 0.2474



11.0705, 0.4163, 0.3364



11.0705, 0.4113, 0.4059

Sweetspot

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



11.0709, 0.2188, 0.3075



24.2777, 0.2702, 0.3232



11.6089, 0.2979, 0.5922



5.7460, 0.2661, 0.3225



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



11.0709, 0.2188, 0.3075



19.3632, 0.2186, 0.3069



3.3389, 0.1735, 0.1444



3.7763, 0.2996, 0.3274



12.7775, 0.2187, 0.3073



63.1168, 0.2184, 0.3060

Inverse Universe

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



4.4492, 0.3389, 0.1642



7.7988, 0.3394, 0.1643



7.0632, 0.5154, 0.4286



3.4495, 0.3147, 0.3097



5.1357, 0.3390, 0.1641



25.5294, 0.3401, 0.1647

Previews

White Background



This preview shows how the Yxy color 11.0705, 0.2188, 0.3075 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 11.0705, 0.2188, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

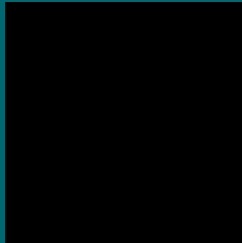
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0705, 0.2188, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 11.0705, 0.2188, 0.3075.



This preview shows how white text looks on a background with the Yxy color 11.0705, 0.2188, 0.3075.

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

11.0705, 0.2188, 0.3075

Protanopia

11.1239, 0.2945, 0.3011

Deuteranopia

11.1674, 0.2814, 0.2772



Tritanopia

11.1027, 0.2199, 0.3076

Trichromacy



Original Color

11.0705, 0.2188, 0.3075

Protanomaly

10.5619, 0.2502, 0.3008

Deuteranomaly

10.5105, 0.2438, 0.2840

Tritanomaly

11.0898, 0.2195, 0.3076

Monochromacy



Original Color

11.0705, 0.2188, 0.3075

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.8059, 0.2534, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0705, 0.2188, 0.3075 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, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 112)  
}
```

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, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 112) }
```

Border

The CSS property to change the border of an element to Yxy 11.0705, 0.2188, 0.3075 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, 104, 112) }
```

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

```
.border{ border-color:rgb(0, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0705, 0.2188, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 112) }
```

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

```
.background{ background-color: rgb(0, 104,  
112) }
```

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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