

Converting Colors

$Y_{xy}(11.1134, 0.2660, 0.2908)$

Have a look what the booklet for
Yxy(11.1134, 0.2660, 0.2908)
contains.

Yxy(11.1134, 0.2660, 0.2908)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.1134, 0.2660, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	4D6070
RGB	77, 96, 112
RGB Percent	30%, 38%, 44%
CMY	0.6982, 0.6235, 0.5608
CMYK	0.31, 0.14, 0.00, 0.56
HSL	207°, 19%, 37%
HSV	207°, 31%, 44%
XYZ	10.1656, 11.1134, 16.9376
YIQ	92.1430, -16.4600, 0.9480

Conversions

Conversions Part 2

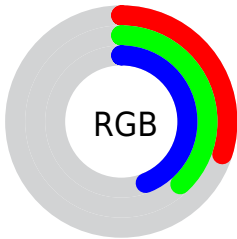
Format	Color
R_{YB}	77, 89, 112
Decimal	5070960
CIE Lab	39.77, -3.05, -11.41
CIE LCh	40, 11.807, 255.016
Yxy	11.1134, 0.2660, 0.2908
Android (android.graphics.Color)	4283261040 (0xFF4D6070)
YUV	92.1430, 9.7895, -13.2804
Hunter-Lab	33.3368, -3.9080, -6.7881

Details

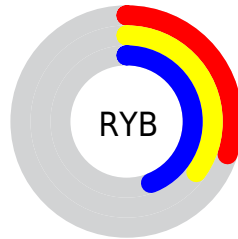
The Yxy color **11.1134, 0.2660, 0.2908** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7997, 0.3683, 0.3643**, and the grayscale version is **10.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7501, 0.2779, 0.2997**, and **2.9427, 0.2424, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **9.7851, 0.2509, 0.2762**, and if you desaturate by 10%, it is **12.5835, 0.2812, 0.3043**.

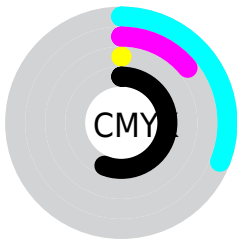
Distribution



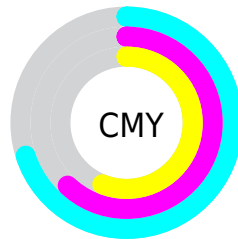
- Red (30%)
- Green (38%)
- Blue (44%)



- Red (30%)
- Yellow (35%)
- Blue (44%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (70%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.1134, 0.2660, 0.2908 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 11.1134, 0.2660, 0.2908 by changing the saturation by 10% instead.

■ 11.1134, 0.2660,
0.2908

■ 11.1134, 0.2660,
0.2908

■ 198.4439, 0.2945,
0.3144

■ 6.1432, 0.2563,
0.2825

■ 27.8697, 0.2780,
0.3009

■ 2.9323, 0.2415,
0.2698

■ 40.4245, 0.2820,
0.3042

■ 1.0965, 0.2167,
0.2478

■ 56.2763, 0.2851,
0.3068

■ 0.0000, 0.0000,
0.0000

■ 75.8095, 0.2877,
0.3089

■ 99.4084, 0.2898,
0.3106

127.4576, 0.2916,

0.3121

160.3413, 0.2932,
0.3133

■ 11.1134, 0.2660,
0.2908

■ 11.1134, 0.2660,
0.2908

■ 9.7851, 0.2509,
0.2762

■ 12.5835, 0.2812,
0.3043

■ 8.5919, 0.2363,
0.2607

■ 14.1989, 0.2962,
0.3165

■ 7.5287, 0.2225,
0.2444

■ 15.9648, 0.3109,
0.3277

■ 6.5893, 0.2100,
0.2276

■ 17.8855, 0.3250,
0.3376

■ 5.7668, 0.1992,
0.2107

■ 19.9653, 0.3384,
0.3465

■ 5.0536, 0.1903,
0.1940

■ 22.2083, 0.3511,
0.3544

■ 4.4959, 0.1832,
0.1796

■ 24.6182, 0.3630,
0.3614

■ 27.1989, 0.3742,
0.3675

■ 29.9540, 0.3847,
0.3728

Harmonies

Analogous

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



11.1134, 0.2628, 0.3074



11.1134, 0.2660, 0.2908



11.1134, 0.2812, 0.2848

Triad

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



11.1134, 0.2660, 0.2908



11.1134, 0.3546, 0.3246



11.1134, 0.3185, 0.3726

Complementary

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



11.1134, 0.2660, 0.2908



11.7997, 0.3683, 0.3643

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.



11.1134, 0.3438, 0.3759



11.1134, 0.2660, 0.2908



11.1134, 0.3654, 0.3470

Square

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



11.1134, 0.2660, 0.2908



11.1134, 0.3322, 0.3041



11.1134, 0.3612, 0.3659



11.1134, 0.2924, 0.3559

Rectangle

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



11.1134, 0.2660, 0.2908



11.1134, 0.2965, 0.2870



11.1134, 0.3612, 0.3659



11.1134, 0.3274, 0.3753

Sweetspot

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



11.1138, 0.2660, 0.2908



25.5581, 0.2993, 0.3189



13.9495, 0.2909, 0.3752



6.0558, 0.2975, 0.3176



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.



11.1138, 0.2660, 0.2908



17.7031, 0.2543, 0.2797



8.2969, 0.2612, 0.2475



3.5729, 0.2996, 0.3192



5.1517, 0.1829, 0.1784



23.9215, 0.1805, 0.1698

Inverse Universe

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



9.5919, 0.3431, 0.2876



14.7433, 0.3533, 0.2770



15.1848, 0.3582, 0.3992



3.4290, 0.3199, 0.3176



4.3659, 0.4704, 0.2365



21.5726, 0.4809, 0.2423

Previews

White Background



This preview shows how the Yxy color 11.1134, 0.2660, 0.2908 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 11.1134, 0.2660, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

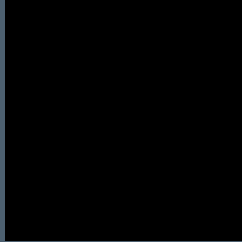
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

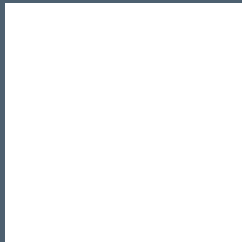
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.1134, 0.2660, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 11.1134, 0.2660, 0.2908.

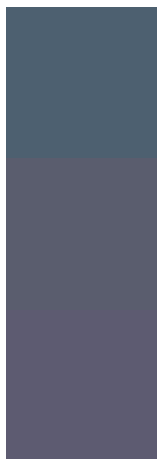


This preview shows how white text looks on a background with the Yxy color 11.1134, 0.2660, 0.2908.

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

11.1134, 0.2660, 0.2908

Protanopia

11.1281, 0.2851, 0.2898

Deuteranopia

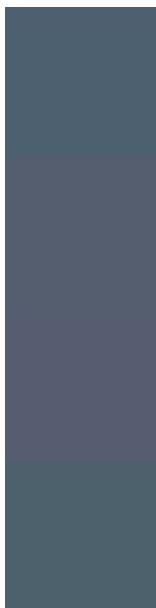
11.0016, 0.2852, 0.2793



Tritanopia

11.0652, 0.2718, 0.3093

Trichromacy



Original Color

11.1134, 0.2660, 0.2908

Protanomaly

11.0844, 0.2771, 0.2892

Deuteranomaly

11.0472, 0.2772, 0.2828

Tritanomaly

11.1686, 0.2696, 0.3023

Monochromacy



Original Color

11.1134, 0.2660, 0.2908

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7558, 0.2952, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1134, 0.2660, 0.2908 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(77, 96, 112)` looks like.

```
.text, #text, p{  
    color:rgb(77, 96, 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(77, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 96, 112) }
```

Border

The CSS property to change the border of an element to Yxy 11.1134, 0.2660, 0.2908 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(77, 96, 112) }
```

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

```
.border{ border-color:rgb(77, 96, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 96, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(77, 96,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1134, 0.2660, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 96, 112) }
```

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

```
.background{ background-color: rgb(77, 96,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor