

Converting Colors

$Y_{xy}(11.4138, 0.2704, 0.3092)$

Have a look what the booklet for
Yxy(11.4138, 0.2704, 0.3092)
contains.

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Color

Yxy(11.4811, 0.2700, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	4B636B
RGB	75, 99, 107
RGB Percent	29%, 39%, 42%
CMY	0.7060, 0.6117, 0.5804
CMYK	0.30, 0.07, 0.00, 0.58
HSL	195°, 18%, 36%
HSV	195°, 30%, 42%
XYZ	10.0158, 11.4811, 15.5987
YIQ	92.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

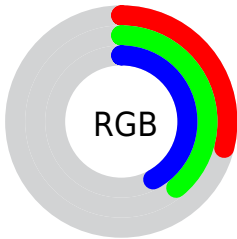
Format	Color
R_{YB}	75, 89, 107
Decimal	4940651
CIE _{Lab}	40.38, -6.85, -7.44
CIE _{LCh}	40, 10.114, 227.395
Yxy	11.4811, 0.2700, 0.3095
Android (android.graphics.Color)	4283130731 (0xFF4B636B)
YUV	92.7360, 7.0322, -15.5545
Hunter-Lab	33.8838, -6.5332, -3.5761

Details

The Yxy color **11.4811, 0.2700, 0.3095** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8153, 0.3692, 0.3476**, and the grayscale version is **10.8671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6413, 0.2815, 0.3158**, and **3.0434, 0.2471, 0.2949** is the 20% darker color. If you saturate the color by 10%, you get **10.5881, 0.2566, 0.3019**, and if you desaturate by 10%, it is **12.4643, 0.2840, 0.3166**.

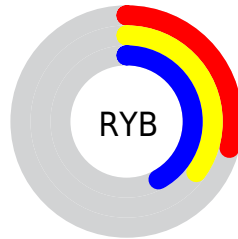
Distribution



Red (29%)

Green (39%)

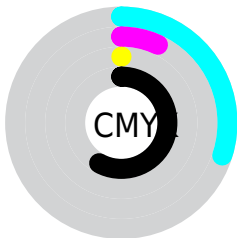
Blue (42%)



Red (29%)

Yellow (35%)

Blue (42%)

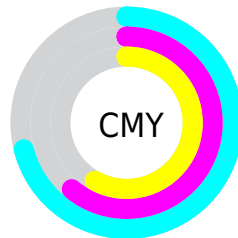


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (58%)



Cyan (71%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4811, 0.2700, 0.3095 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 11.4811, 0.2700, 0.3095 by changing the saturation by 10% instead.

■ 11.4811, 0.2700,
0.3095

■ 11.4811, 0.2700,
0.3095

■ 200.9391, 0.2960,
0.3218

■ 6.3914, 0.2612,
0.3050

■ 28.5464, 0.2809,
0.3148

■ 3.0845, 0.2477,
0.2980

■ 41.2909, 0.2845,
0.3165

■ 1.1760, 0.2251,
0.2853

■ 57.3557, 0.2874,
0.3179

■ 0.0420, 0.0000,
0.0690

■ 77.1252, 0.2898,
0.3189

■ 0.0000, 0.0000,
0.0000

■ 100.9840, 0.2917,
0.3198

129.3163, 0.2934,

0.3206

162.5065, 0.2948,
0.3212

■ 11.4811, 0.2700,
0.3095

■ 11.4811, 0.2700,
0.3095

■ 10.5881, 0.2566,
0.3019

■ 12.4643, 0.2840,
0.3166

■ 9.7802, 0.2442,
0.2939

■ 13.5399, 0.2983,
0.3231

■ 9.0537, 0.2329,
0.2855

■ 14.7117, 0.3128,
0.3290

■ 8.4042, 0.2231,
0.2769

■ 15.9829, 0.3272,
0.3344

■ 7.8265, 0.2149,
0.2681

■ 17.3563, 0.3413,
0.3393

■ 7.3150, 0.2085,
0.2593

■ 18.8348, 0.3551,
0.3436

■ 6.8450, 0.2029,
0.2504

■ 20.4213, 0.3683,
0.3474

■ 6.8419, 0.2029,
0.2504

■ 22.1182, 0.3810,
0.3507

■ 23.9281, 0.3931,
0.3537

Harmonies

Analogous

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



11.4811, 0.2773, 0.3295



11.4811, 0.2700, 0.3095



11.4811, 0.2736, 0.2958

Triad

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



11.4811, 0.2700, 0.3095



11.4811, 0.3310, 0.3090



11.4811, 0.3377, 0.3689

Complementary

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



11.4811, 0.2700, 0.3095



9.8153, 0.3692, 0.3476

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.



11.4811, 0.3530, 0.3615



11.4811, 0.2700, 0.3095



11.4811, 0.3493, 0.3269

Square

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



11.4811, 0.2700, 0.3095



11.4811, 0.3082, 0.2962



11.4811, 0.3574, 0.3460



11.4811, 0.3159, 0.3649

Rectangle

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



11.4811, 0.2700, 0.3095



11.4811, 0.2818, 0.2917



11.4811, 0.3574, 0.3460



11.4811, 0.3438, 0.3676

Sweetspot

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



11.4816, 0.2700, 0.3095



24.3807, 0.2993, 0.3235



12.6268, 0.3000, 0.3906



5.8454, 0.2977, 0.3228



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.



11.4816, 0.2700, 0.3095



19.4088, 0.2605, 0.3042



8.8220, 0.2659, 0.2701



3.3703, 0.2997, 0.3237



8.2741, 0.2027, 0.2495



40.7342, 0.2013, 0.2445

Inverse Universe

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



9.0556, 0.3295, 0.2755



14.4183, 0.3345, 0.2626



12.4557, 0.3598, 0.3816



3.1516, 0.3170, 0.3135



4.5076, 0.3927, 0.1937



22.8244, 0.3977, 0.1965

Previews

White Background



This preview shows how the Yxy color 11.4811, 0.2700, 0.3095 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 11.4811, 0.2700, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

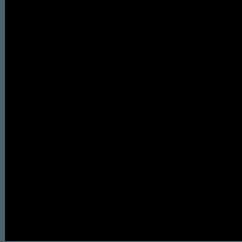
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

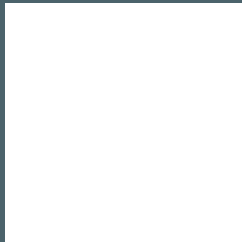
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.4811, 0.2700, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 11.4811, 0.2700, 0.3095.



This preview shows how white text looks on a background with the Yxy color 11.4811, 0.2700, 0.3095.

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

11.4811, 0.2700, 0.3095

Protanopia

11.3846, 0.2988, 0.3060

Deuteranopia

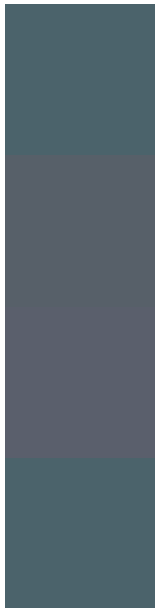
11.5081, 0.2992, 0.2954



Tritanopia

11.4811, 0.2700, 0.3095

Trichromacy



Original Color

11.4811, 0.2700, 0.3095

Protanomaly

11.4119, 0.2876, 0.3078

Deuteranomaly

11.4408, 0.2878, 0.2989

Tritanomaly

11.4811, 0.2700, 0.3095

Monochromacy



Original Color

11.4811, 0.2700, 0.3095

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.0447, 0.2952, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4811, 0.2700, 0.3095 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(75, 99, 107)` looks like.

```
.text, #text, p{  
  color:rgb(75, 99, 107)  
}
```

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(75, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 99, 107) }
```

Border

The CSS property to change the border of an element to Yxy 11.4811, 0.2700, 0.3095 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(75, 99, 107) }
```

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

```
.border{ border-color:rgb(75, 99, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 99, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(75, 99,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4811, 0.2700, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 99, 107) }
```

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

```
.background{ background-color: rgb(75, 99,  
107) }
```

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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