

Converting Colors

$Y_{xy}(39.3127, 0.2887, 0.3115)$

Have a look what the booklet for
Yxy(39.3127, 0.2887, 0.3115)
contains.

Yxy(39.4147, 0.2884, 0.3120)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4147, 0.2884, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	9AABB7
RGB	154, 171, 183
RGB Percent	60%, 67%, 72%
CMY	0.3961, 0.3294, 0.2824
CMYK	0.16, 0.07, 0.00, 0.28
HSL	205°, 17%, 66%
HSV	205°, 16%, 72%
XYZ	36.4333, 39.4147, 50.4811
YIQ	167.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

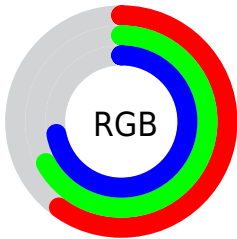
Format	Color
RYB	154, 165, 183
Decimal	10136503
CIELab	69.05, -3.39, -8.15
CIElCh	69, 8.831, 247.437
Yxy	39.4147, 0.2884, 0.3120
Android (android.graphics.Color)	4288326583 (0xFF9AABB7)
YUV	167.2850, 7.7475, -11.6509
Hunter-Lab	62.7811, -6.2793, -3.7272

Details

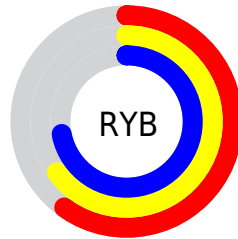
The Yxy color **39.4147, 0.2884, 0.3120** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6589, 0.3396, 0.3454**, and the grayscale version is **38.7557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1800, 0.2932, 0.3149**, and **17.6889, 0.2817, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **34.9811, 0.2728, 0.2998**, and if you desaturate by 10%, it is **44.2886, 0.3039, 0.3231**.

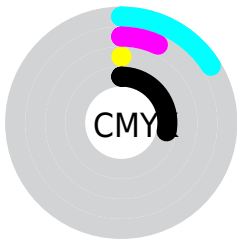
Distribution



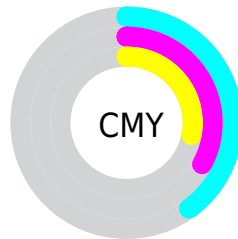
- Red (60%)
- Green (67%)
- Blue (72%)



- Red (60%)
- Yellow (65%)
- Blue (72%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (28%)



- Cyan (40%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4147, 0.2884, 0.3120 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 39.4147, 0.2884, 0.3120 by changing the saturation by 10% instead.

■ 39.4147, 0.2884,
0.3120

■ 39.4147, 0.2884,
0.3120

343.6504, 0.3008,
0.3208

■ 27.0825, 0.2852,
0.3097

■ 74.2714, 0.2930,
0.3153

■ 17.6352, 0.2811,
0.3067

■ 97.5647, 0.2947,
0.3165

■ 10.6884, 0.2755,
0.3026

125.2805, 0.2961,
0.3175

■ 5.8577, 0.2675,
0.2967

157.8031, 0.2973,
0.3183

■ 2.7588, 0.2552,
0.2874

195.5171, 0.2984,
0.3191

■ 1.0071, 0.2339,
0.2708

238.8066, 0.2993,

■ 0.0000, 0.0000,

0.3197

0.0000

288.0563, 0.3001,
0.3203

■ 39.4147, 0.2884,
0.3120

■ 39.4147, 0.2884,
0.3120

■ 34.9811, 0.2728,
0.2998

■ 44.2886, 0.3039,
0.3231

■ 30.9678, 0.2573,
0.2865

■ 49.6121, 0.3189,
0.3330

■ 27.3605, 0.2422,
0.2723

■ 55.4003, 0.3334,
0.3418

■ 24.1417, 0.2281,
0.2572

■ 61.6661, 0.3472,
0.3497

■ 21.2926, 0.2153,
0.2415

■ 68.4218, 0.3602,
0.3565

■ 18.7922, 0.2041,
0.2255

■ 73.9757, 0.3657,
0.3634

■ 16.6166, 0.1950,
0.2096

■ 77.9470, 0.3636,
0.3709

■ 14.7360, 0.1881,
0.1942

■ 82.0989, 0.3616,
0.3782

■ 14.0179, 0.1855,
0.1878

■ 86.4337, 0.3596,
0.3853

Harmonies

Analogous

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



39.4147, 0.2884, 0.3216



39.4147, 0.2884, 0.3120



39.4147, 0.2947, 0.3072

Triad

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



39.4147, 0.2884, 0.3120



39.4147, 0.3308, 0.3243



39.4147, 0.3191, 0.3510

Complementary

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



39.4147, 0.2884, 0.3120



39.6589, 0.3396, 0.3454

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.



39.4147, 0.3308, 0.3513



39.4147, 0.2884, 0.3120



39.4147, 0.3376, 0.3356

Square

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



39.4147, 0.2884, 0.3120



39.4147, 0.3191, 0.3143



39.4147, 0.3376, 0.3455



39.4147, 0.3060, 0.3444

Rectangle

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



39.4147, 0.2884, 0.3120



39.4147, 0.3018, 0.3072



39.4147, 0.3376, 0.3455



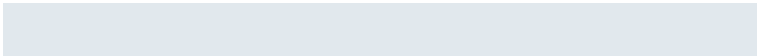
39.4147, 0.3234, 0.3518

Sweetspot

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



39.4163, 0.2884, 0.3120



80.0330, 0.3050, 0.3239



43.4695, 0.3019, 0.3537



17.5351, 0.3040, 0.3231



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.4163, 0.2884, 0.3120



67.7637, 0.2830, 0.3079



34.3625, 0.2876, 0.2914



9.5717, 0.2985, 0.3193



9.9181, 0.1860, 0.1896



0.4685, 0.1971, 0.2295

Inverse Universe

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



36.1131, 0.3256, 0.3060



60.8600, 0.3290, 0.3007



45.0773, 0.3367, 0.3640



9.0983, 0.3199, 0.3157



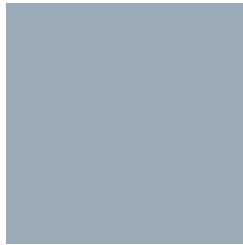
7.7836, 0.4572, 0.2292



0.2864, 0.4132, 0.2050

Previews

White Background



This preview shows how the Yxy color 39.4147, 0.2884, 0.3120 looks on a white background.

Color Contrast Check

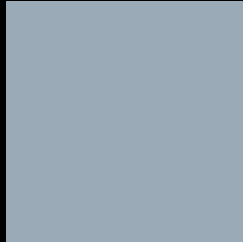
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.4147, 0.2884, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

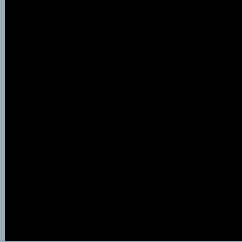
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

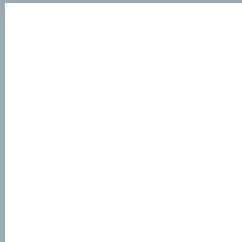
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4147, 0.2884, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 39.4147, 0.2884, 0.3120.

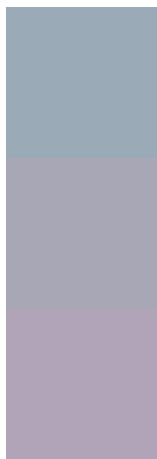


This preview shows how white text looks on a background with the Yxy color 39.4147, 0.2884, 0.3120.

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

39.4147, 0.2884, 0.3120

Protanopia

39.2985, 0.3019, 0.3097

Deuteranopia

39.3587, 0.3076, 0.3022



Tritanopia

39.4565, 0.2876, 0.3106

Trichromacy



Original Color

39.4147, 0.2884, 0.3120

Protanomaly

39.1692, 0.2967, 0.3095

Deuteranomaly

39.5331, 0.3003, 0.3058

Tritanomaly

39.4565, 0.2876, 0.3106

Monochromacy



Original Color

39.4147, 0.2884, 0.3120

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7038, 0.3031, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4147, 0.2884, 0.3120 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(154, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(154, 171, 183)  
}
```

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(154, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.4147, 0.2884, 0.3120 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(154, 171, 183) }
```

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

```
.border{ border-color:rgb(154, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(154, 171,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4147, 0.2884, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 171, 183) }
```

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

```
.background{ background-color: rgb(154,  
171, 183) }
```

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