

# Converting Colors

Yxy(39.4467, 0.2967, 0.3138)

Have a look what the booklet for  
Yxy(39.4467, 0.2967, 0.3138)  
contains.

<b>Yxy(39.2483, 0.2966, 0.3136)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	27
<i><b>CSS Examples</b></i>	30

# Color

**Yxy(39.2483, 0.2966, 0.3136)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A1A9B4
RGB	161, 169, 180
RGB Percent	63%, 66%, 71%
CMY	0.3687, 0.3372, 0.2942
CMYK	0.11, 0.06, 0.00, 0.29
HSL	215°, 11%, 67%
HSV	215°, 11%, 71%
XYZ	37.1207, 39.2483, 48.7850
YIQ	167.8620, -8.2990, 1.7250

# Conversions

## Conversions Part 2

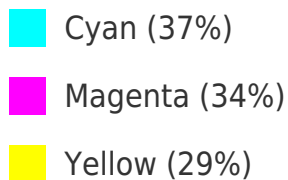
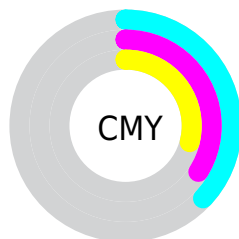
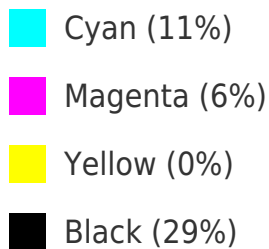
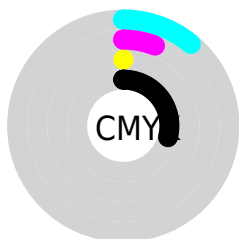
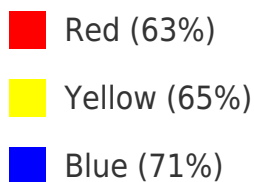
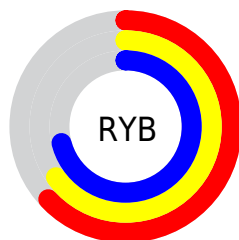
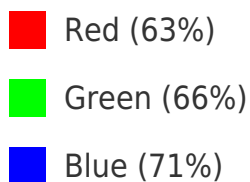
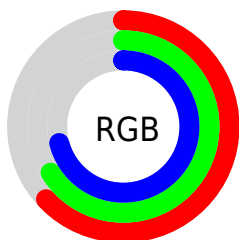
Format	Color
<a href="#">RYB</a>	<a href="#">161, 167, 180</a>
Decimal	<a href="#">10594740</a>
CIELab	<a href="#">68.93, -0.60, -6.61</a>
CIELCh	<a href="#">69, 6.635, 264.797</a>
Yxy	<a href="#">39.2483, 0.2966, 0.3136</a>
Android (android.graphics.Color)	<a href="#">4288784820</a> (0xFFA1A9B4)
YUV	<a href="#">167.8620, 5.9840, -6.0180</a>
Hunter-Lab	<a href="#">62.6485, -3.8694, -2.3158</a>

# Details

The Yxy color  $39.2483, 0.2966, 0.3136$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $41.7624, 0.3294, 0.3439$ , and the grayscale version is  $39.0595, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $73.9664, 0.2996, 0.3161$ , and  $17.5061, 0.2915, 0.3093$  is the 20% darker color. If you saturate the color by 10%, you get  $33.7966, 0.2805, 0.2972$ , and if you desaturate by 10%, it is  $45.2800, 0.3119, 0.3282$ .

# Distribution





# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2483, 0.2966, 0.3136 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 39.2483, 0.2966, 0.3136 by changing the saturation by 10% instead.





 39.2483, 0.2966,  
0.3136


 39.2483, 0.2966,  
0.3136


342.9450, 0.3049,  
0.3215

 26.9529, 0.2945,  
0.3115


 74.0175, 0.2997,  
0.3165

 17.5379, 0.2917,  
0.3089

 97.2601, 0.3008,  
0.3176

 10.6187, 0.2879,  
0.3052


124.9206, 0.3017,  
0.3185

 5.8111, 0.2825,  
0.3000

157.3834, 0.3025,  
0.3193

 2.7305, 0.2740,  
0.2918

195.0328, 0.3032,  
0.3200

 0.9927, 0.2591,  
0.2773


238.2533, 0.3039,

 0.0000, 0.0000,


0.3206

0.0000


287.4292, 0.3044,  
0.3211

 39.2483, 0.2966,  
0.3136


 39.2483, 0.2966,  
0.3136

 33.7966, 0.2805,  
0.2972


 45.2800, 0.3119,  
0.3282


 28.9016, 0.2639,  
0.2792


 51.9045, 0.3263,  
0.3412


 24.5451, 0.2470,  
0.2595

 59.1402, 0.3397,  
0.3527

 20.7062, 0.2304,  
0.2385

 67.0033, 0.3521,  
0.3628

 17.3625, 0.2145,  
0.2166

 75.5092, 0.3635,  
0.3716

■ 14.4894, 0.2001,  
0.1943

■ 81.9248, 0.3636,  
0.3811

■ 12.0598, 0.1876,  
0.1723

■ 87.9319, 0.3608,  
0.3909

■ 10.0427, 0.1777,  
0.1515

■ 94.2907, 0.3581,  
0.4003

■ 8.4640, 0.1704,  
0.1333

■ 96.0743, 0.3573,  
0.4028

# Harmonies

## Analogous

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



39.2483, 0.2937, 0.3189



39.2483, 0.2966, 0.3136



39.2483, 0.3037, 0.3124

# Triad

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



39.2483, 0.2966, 0.3136



39.2483, 0.3299, 0.3305



39.2483, 0.3118, 0.3431

# Complementary

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



39.2483, 0.2966, 0.3136



41.7624, 0.3294, 0.3439

# 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.



39.2483, 0.3216, 0.3462



39.2483, 0.2966, 0.3136



39.2483, 0.3321, 0.3387

# Square

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



39.2483, 0.2966, 0.3136



39.2483, 0.3230, 0.3220



39.2483, 0.3290, 0.3445



39.2483, 0.3025, 0.3361



# Rectangle

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



39.2483, 0.2966, 0.3136



39.2483, 0.3100, 0.3140



39.2483, 0.3290, 0.3445



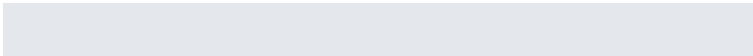
39.2483, 0.3152, 0.3446

# Sweetspot

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



39.2499, 0.2966, 0.3136



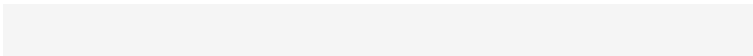
79.2889, 0.3082, 0.3247



43.1775, 0.3031, 0.3405



16.9442, 0.3069, 0.3236



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290



# Same Dimension

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



39.2499, 0.2966, 0.3136



68.4432, 0.2924, 0.3094



36.4900, 0.2976, 0.3022



8.8004, 0.2985, 0.3155



6.0364, 0.1710, 0.1355



0.3064, 0.1867, 0.1920



# Inverse Universe

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



38.0524, 0.3237, 0.3181



65.8372, 0.3269, 0.3152



44.7543, 0.3270, 0.3546



8.5628, 0.3223, 0.3194



7.1495, 0.5252, 0.2667

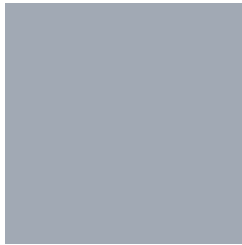


0.2367, 0.4544, 0.2277



# Previews

## White Background



This preview shows how the Yxy color 39.2483, 0.2966, 0.3136 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

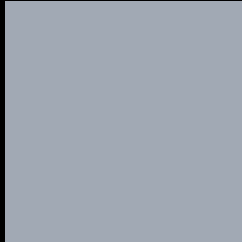
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2483, 0.2966, 0.3136 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

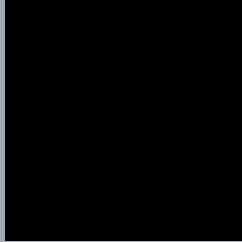
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

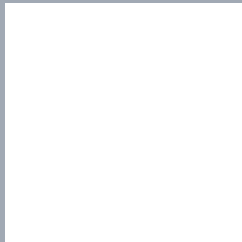
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 39.2483, 0.2966, 0.3136**

## Background



This preview shows how black text looks on a background with the Yxy color 39.2483, 0.2966, 0.3136.

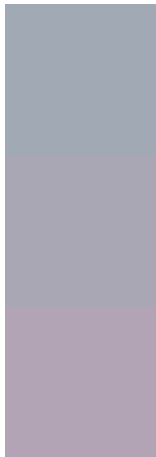


This preview shows how white text looks on a background with the Yxy color 39.2483, 0.2966, 0.3136.

# 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

39.2483, 0.2966, 0.3136

### Protanopia

39.2169, 0.3035, 0.3124

### Deuteranopia

38.9956, 0.3111, 0.3048



## Tritanopia

39.3304, 0.2950, 0.3108

# Trichromacy



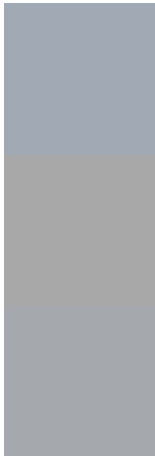
**Original Color**  
39.2483, 0.2966, 0.3136

**Protanomaly**  
39.2593, 0.3009, 0.3137

**Deuteranomaly**  
39.0171, 0.3055, 0.3072

**Tritanomaly**  
39.2892, 0.2958, 0.3122

# Monochromacy



**Original Color**  
39.2483, 0.2966, 0.3136

**Achromatopsia**  
39.1572, 0.3127, 0.3290

**Achromatomaly**  
38.9832, 0.3066, 0.3234

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2483, 0.2966, 0.3136 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(161, 169, 180) looks like.

```
.text, #text, p{  
    color:rgb(161, 169, 180)  
}
```

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(161, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 169, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2483, 0.2966, 0.3136 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(161, 169, 180) }
```

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

```
.border{ border-color:rgb(161, 169, 180) }
```

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

Here you see how a box with a 4 pixel rgb(161, 169, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(161, 169,  
180) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.2483, 0.2966, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 169, 180) }
```

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

```
.background{ background-color: rgb(161,  
169, 180) }
```

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