

Converting Colors

$Yxy(39.6263, 0.2998, 0.3152)$

Have a look what the booklet for
Yxy(39.6263, 0.2998, 0.3152)
contains.

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Color

Yxy(39.5231, 0.3000, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	A4A9B3
RGB	164, 169, 179
RGB Percent	64%, 66%, 70%
CMY	0.3567, 0.3373, 0.2979
CMYK	0.08, 0.06, 0.00, 0.30
HSL	220°, 9%, 67%
HSV	220°, 8%, 70%
XYZ	37.6410, 39.5231, 48.3060
YIQ	168.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

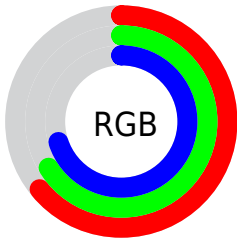
Format	Color
RYB	164, 168, 179
Decimal	10791347
CIELab	69.13, 0.25, -5.76
CIELCh	69, 5.770, 272.441
Yxy	39.5231, 0.3000, 0.3150
Android (android.graphics.Color)	4288981427 (0xFFA4A9B3)
YUV	168.6450, 5.1050, -4.0737
Hunter-Lab	62.8674, -3.1434, -1.5500

Details

The Yxy color **39.5231, 0.3000, 0.3150** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5654, 0.3256, 0.3426**, and the grayscale version is **39.4718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3695, 0.3023, 0.3172**, and **17.6737, 0.2962, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **33.4971, 0.2838, 0.2964**, and if you desaturate by 10%, it is **46.2290, 0.3151, 0.3316**.

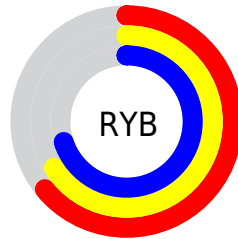
Distribution



Red (64%)

Green (66%)

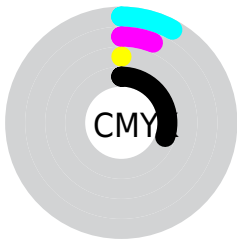
Blue (70%)



Red (64%)

Yellow (66%)

Blue (70%)

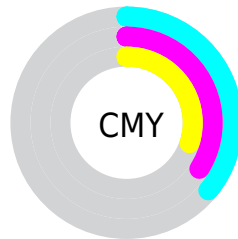


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (30%)



Cyan (36%)

Magenta (34%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5231, 0.3000, 0.3150 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 39.5231, 0.3000, 0.3150 by changing the saturation by 10% instead.

■ 39.5231, 0.3000,
0.3150

■ 39.5231, 0.3000,
0.3150

344.1094, 0.3065,
0.3222

■ 27.1669, 0.2983,
0.3131

■ 74.4368, 0.3024,
0.3177

■ 17.6986, 0.2961,
0.3107

■ 97.7630, 0.3033,
0.3186

■ 10.7338, 0.2931,
0.3074

125.5147, 0.3041,
0.3195

■ 5.8881, 0.2888,
0.3027

158.0764, 0.3047,
0.3202

■ 2.7772, 0.2821,
0.2954

195.8322, 0.3052,
0.3208

■ 1.0165, 0.2703,
0.2824

239.1668, 0.3057,

■ 0.0000, 0.0000,

0.3213

0.0000

288.4644, 0.3062,
0.3218

■ 39.5231, 0.3000,
0.3150

■ 39.5231, 0.3000,
0.3150

■ 33.4971, 0.2838,
0.2964

■ 46.2290, 0.3151,
0.3316

■ 28.1239, 0.2668,
0.2758

■ 53.6307, 0.3290,
0.3462

■ 23.3818, 0.2491,
0.2532

■ 61.7499, 0.3418,
0.3590

■ 19.2462, 0.2313,
0.2290

■ 70.6059, 0.3534,
0.3702

■ 15.6904, 0.2141,
0.2038

■ 80.2171, 0.3639,
0.3799

■ 12.6857, 0.1981,
0.1783

■ 87.3474, 0.3617,
0.3910

■ 10.2005, 0.1841,
0.1536

■ 94.6689, 0.3585,
0.4018

■ 8.1993, 0.1728,
0.1307

■ 96.0357, 0.3579,
0.4037

■ 6.6314, 0.1645,
0.1107

Harmonies

Analogous

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



39.5231, 0.2965, 0.3188



39.5231, 0.3000, 0.3150



39.5231, 0.3069, 0.3149

Triad

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



39.5231, 0.3000, 0.3150



39.5231, 0.3285, 0.3322



39.5231, 0.3098, 0.3399

Complementary

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



39.5231, 0.3000, 0.3150



42.5654, 0.3256, 0.3426

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.



39.5231, 0.3184, 0.3436



39.5231, 0.3000, 0.3150



39.5231, 0.3292, 0.3390

Square

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



39.5231, 0.3000, 0.3150



39.5231, 0.3234, 0.3247



39.5231, 0.3255, 0.3432



39.5231, 0.3021, 0.3333

Rectangle

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



39.5231, 0.3000, 0.3150



39.5231, 0.3126, 0.3169



39.5231, 0.3255, 0.3432



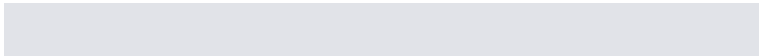
39.5231, 0.3126, 0.3416

Sweetspot

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



39.5248, 0.3000, 0.3150



77.0036, 0.3082, 0.3241



43.2037, 0.3039, 0.3359



16.8471, 0.3070, 0.3227



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.



39.5248, 0.3000, 0.3150



68.7420, 0.2972, 0.3118



37.9822, 0.3022, 0.3081



8.6743, 0.2985, 0.3133



4.6349, 0.1638, 0.1098



0.2555, 0.1803, 0.1691

Inverse Universe

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



39.0132, 0.3225, 0.3223



67.6740, 0.3248, 0.3208



44.2239, 0.3227, 0.3493



8.5501, 0.3237, 0.3215



7.0080, 0.5613, 0.2866



0.2316, 0.4818, 0.2428

Previews

White Background



This preview shows how the Yxy color 39.5231, 0.3000, 0.3150 looks on a white background.

Color Contrast Check

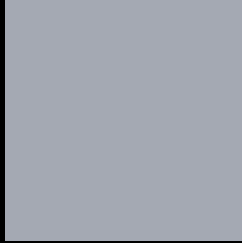
Large Text (above 18pt) WCAG AA × Fail

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 39.5231, 0.3000, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

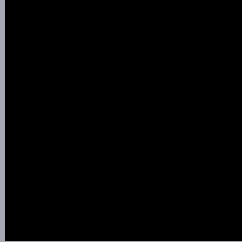
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

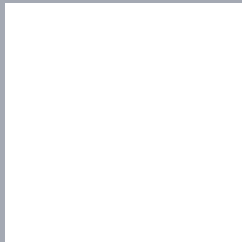
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5231, 0.3000, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 39.5231, 0.3000, 0.3150.

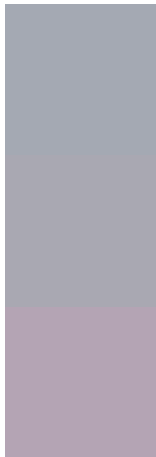


This preview shows how white text looks on a background with the Yxy color 39.5231, 0.3000, 0.3150.

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

39.5231, 0.3000, 0.3150

Protanopia

39.6546, 0.3052, 0.3152

Deuteranopia

39.5495, 0.3137, 0.3076



Tritanopia

39.7527, 0.2985, 0.3110

Trichromacy



Original Color

39.5231, 0.3000, 0.3150

Protanomaly

39.4351, 0.3035, 0.3151

Deuteranomaly

39.5664, 0.3081, 0.3100

Tritanomaly

39.7115, 0.2993, 0.3124

Monochromacy



Original Color

39.5231, 0.3000, 0.3150

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6086, 0.3076, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5231, 0.3000, 0.3150 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(164, 169, 179)` looks like.

```
.text, #text, p{  
    color:rgb(164, 169, 179)  
}
```

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(164, 169, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 169, 179) }
```

Border

The CSS property to change the border of an element to Yxy 39.5231, 0.3000, 0.3150 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(164, 169, 179) }
```

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

```
.border{ border-color:rgb(164, 169, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 169, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 169, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 169, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 169,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5231, 0.3000, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 169, 179) }
```

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

```
.background{ background-color: rgb(164,  
169, 179) }
```

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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