

Converting Colors

$Y_{xy}(39.5083, 0.2948, 0.3190)$

Have a look what the booklet for
Yxy(39.5083, 0.2948, 0.3190)
contains.

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Color

Yxy(39.5083, 0.2948, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	9DABB2
RGB	157, 171, 178
RGB Percent	62%, 67%, 70%
CMY	0.3841, 0.3294, 0.3019
CMYK	0.12, 0.04, 0.00, 0.30
HSL	200°, 12%, 66%
HSV	200°, 12%, 70%
XYZ	36.5111, 39.5083, 47.8311
YIQ	167.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

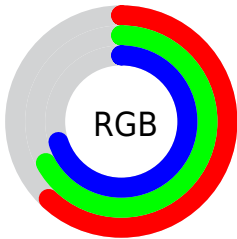
Format	Color
RYB	157, 165, 178
Decimal	10333106
CIELab	69.12, -3.42, -5.28
CIELCh	69, 6.292, 237.074
Yxy	39.5083, 0.2948, 0.3190
Android (android.graphics.Color)	4288523186 (0xFF9DABB2)
YUV	167.6120, 5.1213, -9.3067
Hunter-Lab	62.8556, -6.3116, -1.1188

Details

The Yxy color **39.5083, 0.2948, 0.3190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4805, 0.3323, 0.3388**, and the grayscale version is **38.9407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3303, 0.2982, 0.3203**, and **17.7385, 0.2903, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **35.6441, 0.2795, 0.3096**, and if you desaturate by 10%, it is **43.7384, 0.3100, 0.3276**.

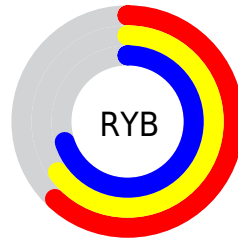
Distribution



Red (62%)

Green (67%)

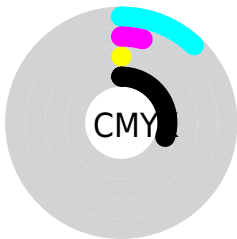
Blue (70%)



Red (62%)

Yellow (65%)

Blue (70%)

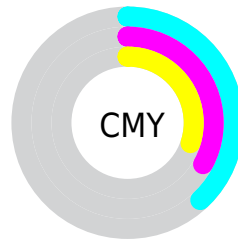


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (38%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5083, 0.2948, 0.3190 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 39.5083, 0.2948, 0.3190 by changing the saturation by 10% instead.

■ 39.5083, 0.2948,
0.3190

■ 39.5083, 0.2948,
0.3190

344.0468, 0.3040,
0.3242

■ 27.1554, 0.2924,
0.3176

■ 74.4142, 0.2982,
0.3209

■ 17.6900, 0.2894,
0.3159

■ 97.7359, 0.2994,
0.3216

■ 10.7276, 0.2852,
0.3134

125.4828, 0.3005,
0.3222

■ 5.8840, 0.2793,
0.3099

158.0391, 0.3014,
0.3227

■ 2.7747, 0.2700,
0.3042

195.7892, 0.3022,
0.3232

■ 1.0153, 0.2538,
0.2940

239.1176, 0.3028,

■ 0.0000, 0.0000,

0.3236

0.0000

288.4087, 0.3034,
0.3239

■ 39.5083, 0.2948,
0.3190

■ 39.5083, 0.2948,
0.3190

■ 35.6441, 0.2795,
0.3096

■ 43.7384, 0.3100,
0.3276

■ 32.1284, 0.2645,
0.2993

■ 48.3414, 0.3250,
0.3353

■ 28.9494, 0.2500,
0.2882

■ 53.3302, 0.3395,
0.3421

■ 26.0927, 0.2364,
0.2764

■ 58.7154, 0.3534,
0.3482

■ 23.5425, 0.2241,
0.2641

■ 64.5074, 0.3667,
0.3535

■ 21.2816, 0.2134,
0.2515

■ 68.9973, 0.3722,
0.3590

■ 19.2901, 0.2045,
0.2387

■ 71.9391, 0.3704,
0.3650

■ 17.5449, 0.1977,
0.2261

■ 74.9913, 0.3686,
0.3709

■ 16.2572, 0.1933,
0.2159

■ 78.1550, 0.3669,
0.3767

Harmonies

Analogous

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



39.5083, 0.2965, 0.3266



39.5083, 0.2948, 0.3190



39.5083, 0.2978, 0.3142

Triad

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



39.5083, 0.2948, 0.3190



39.5083, 0.3230, 0.3230



39.5083, 0.3204, 0.3452

Complementary

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



39.5083, 0.2948, 0.3190



38.4805, 0.3323, 0.3388

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.



39.5083, 0.3277, 0.3439



39.5083, 0.2948, 0.3190



39.5083, 0.3293, 0.3310

Square

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



39.5083, 0.2948, 0.3190



39.5083, 0.3141, 0.3166



39.5083, 0.3310, 0.3387



39.5083, 0.3112, 0.3419

Rectangle

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



39.5083, 0.2948, 0.3190



39.5083, 0.3022, 0.3132



39.5083, 0.3310, 0.3387



39.5083, 0.3232, 0.3452

Sweetspot

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



39.5100, 0.2948, 0.3190



77.4852, 0.3066, 0.3257



41.7030, 0.3058, 0.3490



17.0371, 0.3054, 0.3251



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.



39.5100, 0.2948, 0.3190



69.8472, 0.2910, 0.3168



35.7170, 0.2945, 0.3039



9.1421, 0.2986, 0.3212



11.7488, 0.1937, 0.2173



0.4718, 0.2034, 0.2521

Inverse Universe

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



36.5361, 0.3204, 0.3099



63.4997, 0.3222, 0.3058



42.3783, 0.3306, 0.3529



8.5973, 0.3187, 0.3140



7.7262, 0.4262, 0.2121



0.2534, 0.3902, 0.1923

Previews

White Background



This preview shows how the Yxy color 39.5083, 0.2948, 0.3190 looks on a white background.

Color Contrast Check

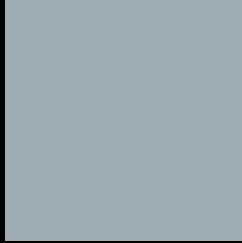
Large Text (above 18pt) WCAG AA × Fail

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 39.5083, 0.2948, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

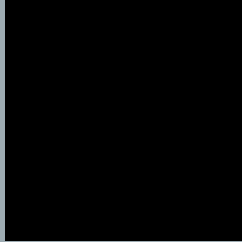
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

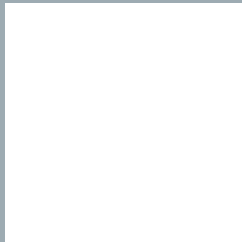
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5083, 0.2948, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 39.5083, 0.2948, 0.3190.



This preview shows how white text looks on a background with the Yxy color 39.5083, 0.2948, 0.3190.

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

39.5083, 0.2948, 0.3190

Protanopia

39.5749, 0.3069, 0.3179

Deuteranopia

39.5495, 0.3137, 0.3076



Tritanopia

39.4792, 0.2909, 0.3094

Trichromacy



Original Color

39.5083, 0.2948, 0.3190

Protanomaly

39.5496, 0.3025, 0.3178

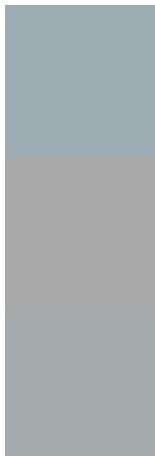
Deuteranomaly

39.6628, 0.3071, 0.3126

Tritanomaly

39.3960, 0.2925, 0.3121

Monochromacy



Original Color

39.5083, 0.2948, 0.3190

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2470, 0.3057, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5083, 0.2948, 0.3190 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(157, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 178)  
}
```

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(157, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.5083, 0.2948, 0.3190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

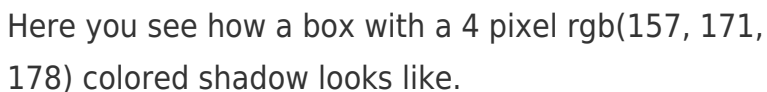
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 171, 178) }
```

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

```
.border{ border-color:rgb(157, 171, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 171, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 171, 178); box-shadow:4px 4px 4px 4px rgb(157, 171, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5083, 0.2948, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 178) }
```

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

```
.background{ background-color: rgb(157,  
171, 178) }
```

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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