

Converting Colors

$Yxy(39.5813, 0.2910, 0.3191)$

Have a look what the booklet for
Yxy(39.5813, 0.2910, 0.3191)
contains.

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Color

Yxy(39.5320, 0.2907, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	99ACB3
RGB	153, 172, 179
RGB Percent	60%, 67%, 70%
CMY	0.4000, 0.3255, 0.2981
CMYK	0.15, 0.04, 0.00, 0.30
HSL	196°, 15%, 65%
HSV	196°, 15%, 70%
XYZ	36.0249, 39.5320, 48.3678
YIQ	167.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

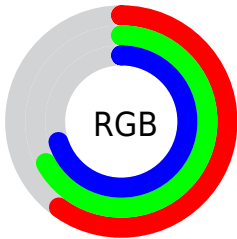
Format	Color
RYB	153, 164, 179
Decimal	10071219
CIELab	69.13, -5.11, -5.82
CIELCh	69, 7.746, 228.688
Yxy	39.5320, 0.2907, 0.3190
Android (android.graphics.Color)	4288261299 (0xFF99ACB3)
YUV	167.1170, 5.8583, -12.3806
Hunter-Lab	62.8745, -7.7559, -1.5982

Details

The Yxy color **39.5320, 0.2907, 0.3190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0162, 0.3378, 0.3388**, and the grayscale version is **38.6801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3462, 0.2950, 0.3202**, and **17.7641, 0.2848, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **36.1241, 0.2757, 0.3113**, and if you desaturate by 10%, it is **43.2706, 0.3059, 0.3260**.

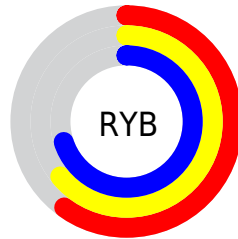
Distribution



Red (60%)

Green (67%)

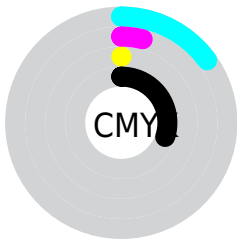
Blue (70%)



Red (60%)

Yellow (64%)

Blue (70%)

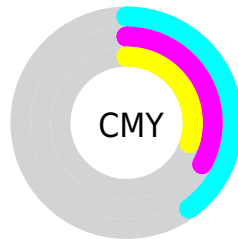


Cyan (15%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (40%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5320, 0.2907, 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 39.5320, 0.2907, 0.3190 by changing the saturation by 10% instead.


 39.5320, 0.2907,
0.3190


 39.5320, 0.2907,
0.3190


344.1471, 0.3019,
0.3242

 27.1738, 0.2878,
0.3176


 74.4503, 0.2948,
0.3210

 17.7038, 0.2841,
0.3158


 97.7793, 0.2964,
0.3217

 10.7376, 0.2790,
0.3133


125.5340, 0.2977,
0.3223

 5.8907, 0.2717,
0.3097

158.0988, 0.2988,
0.3228

 2.7787, 0.2605,
0.3039

195.8581, 0.2997,
0.3232

 1.0173, 0.2410,
0.2932

239.1963, 0.3006,

 0.0000, 0.0000,

0.3236

0.0000

288.4978, 0.3013,
0.3239

■ 39.5320, 0.2907,
0.3190

■ 39.5320, 0.2907,
0.3190

■ 36.1241, 0.2757,
0.3113

■ 43.2706, 0.3059,
0.3260

■ 33.0296, 0.2613,
0.3029

■ 47.3465, 0.3210,
0.3324

■ 30.2371, 0.2477,
0.2940

■ 51.7723, 0.3359,
0.3381

■ 27.7323, 0.2352,
0.2846

■ 56.5583, 0.3504,
0.3432

■ 25.4996, 0.2243,
0.2749

■ 61.7145, 0.3643,
0.3476

■ 23.5215, 0.2150,
0.2649

■ 66.2129, 0.3732,
0.3519

■ 21.7781, 0.2077,
0.2549

■ 68.4865, 0.3718,
0.3568

■ 20.2452, 0.2024,
0.2450

■ 70.8309, 0.3704,
0.3617

■ 19.4647, 0.1999,
0.2396

■ 73.2466, 0.3689,
0.3665

Harmonies

Analogous

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



39.5320, 0.2943, 0.3290



39.5320, 0.2907, 0.3190



39.5320, 0.2928, 0.3120

Triad

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



39.5320, 0.2907, 0.3190



39.5320, 0.3225, 0.3191



39.5320, 0.3251, 0.3491

Complementary

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



39.5320, 0.2907, 0.3190



37.0162, 0.3378, 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.



39.5320, 0.3329, 0.3459



39.5320, 0.2907, 0.3190



39.5320, 0.3314, 0.3286

Square

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



39.5320, 0.2907, 0.3190



39.5320, 0.3111, 0.3122



39.5320, 0.3353, 0.3384



39.5320, 0.3140, 0.3466

Rectangle

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



39.5320, 0.2907, 0.3190



39.5320, 0.2973, 0.3098



39.5320, 0.3353, 0.3384



39.5320, 0.3282, 0.3486

Sweetspot

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



39.5336, 0.2907, 0.3190



77.8279, 0.3065, 0.3263



41.5404, 0.3055, 0.3566



17.1267, 0.3054, 0.3258



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.



39.5336, 0.2907, 0.3190



69.0689, 0.2865, 0.3169



34.8460, 0.2901, 0.3001



9.2378, 0.2986, 0.3227



13.8697, 0.2002, 0.2407



0.5264, 0.2078, 0.2682

Inverse Universe

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



35.3445, 0.3208, 0.3030



60.3730, 0.3226, 0.2979



41.7373, 0.3352, 0.3563



8.6070, 0.3177, 0.3125



7.9403, 0.4015, 0.1986



0.2589, 0.3745, 0.1837

Previews

White Background



This preview shows how the Yxy color 39.5320, 0.2907, 0.3190 looks on a white background.

Color Contrast Check

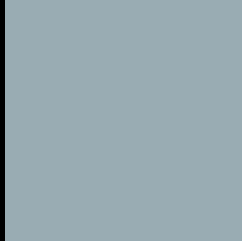
Large Text (above 18pt) WCAG AA × Fail

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 39.5320, 0.2907, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

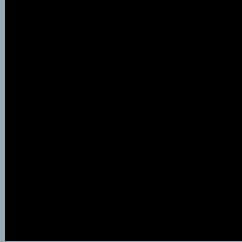
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

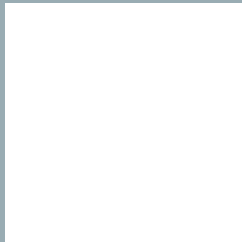
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5320, 0.2907, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 39.5320, 0.2907, 0.3190.



This preview shows how white text looks on a background with the Yxy color 39.5320, 0.2907, 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

39.5320, 0.2907, 0.3190

Protanopia

39.5749, 0.3069, 0.3179

Deuteranopia

39.4708, 0.3119, 0.3062



Tritanopia

39.4986, 0.2869, 0.3092

Trichromacy



Original Color

39.5320, 0.2907, 0.3190

Protanomaly

39.3368, 0.3007, 0.3178

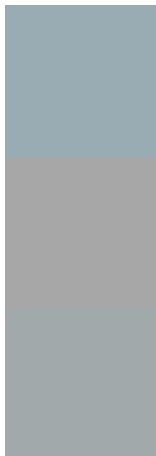
Deuteranomaly

39.4788, 0.3045, 0.3112

Tritanomaly

39.4147, 0.2884, 0.3120

Monochromacy



Original Color

39.5320, 0.2907, 0.3190

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9976, 0.3047, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5320, 0.2907, 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(153, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(153, 172, 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(153, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 172, 179) }
```

Border

The CSS property to change the border of an element to Yxy 39.5320, 0.2907, 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(153, 172, 179) }
```

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

```
.border{ border-color:rgb(153, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(153, 172,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5320, 0.2907, 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(153, 172, 179) }
```

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

```
.background{ background-color: rgb(153,  
172, 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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