

# Converting Colors

Yxy(39.5906, 0.3178, 0.3162)

Have a look what the booklet for  
Yxy(39.5906, 0.3178, 0.3162)  
contains.

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# Color

**Yxy(39.5500, 0.3179, 0.3169)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B3A5AE
RGB	179, 165, 174
RGB Percent	70%, 65%, 68%
CMY	0.2982, 0.3528, 0.3177
CMYK	0.00, 0.08, 0.03, 0.30
HSL	321°, 8%, 67%
HSV	321°, 8%, 70%
XYZ	39.6748, 39.5500, 45.5780
YIQ	170.2120, 5.4550, 5.7670

# Conversions

## Conversions Part 2

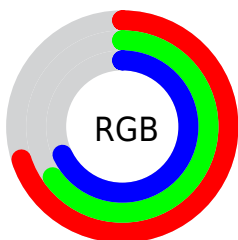
Format	Color
<a href="#">RYB</a>	<a href="#">179, 165, 174</a>
Decimal	<a href="#">11773358</a>
CIELab	<a href="#">69.15, 6.66, -2.80</a>
CIELCh	<a href="#">69, 7.226, 337.169</a>
Yxy	<a href="#">39.5500, 0.3179, 0.3169</a>
Android (android.graphics.Color)	<a href="#">4289963438</a> (0xFFB3A5AE)
YUV	<a href="#">170.2120, 1.8675, 7.7071</a>
Hunter-Lab	<a href="#">62.8888, 2.5553, 1.0524</a>

# Details

The Yxy color  $39.5500, 0.3179, 0.3169$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $43.1226, 0.3079, 0.3414$ , and the grayscale version is  $40.2956, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $74.5057, 0.3174, 0.3196$ , and  $17.6510, 0.3187, 0.3122$  is the 20% darker color. If you saturate the color by 10%, you get  $33.2975, 0.3257, 0.3007$ , and if you desaturate by 10%, it is  $46.7210, 0.3114, 0.3324$ .

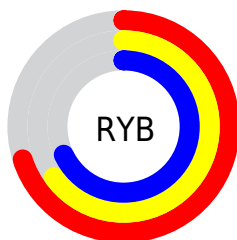
# Distribution



Red (70%)

Green (65%)

Blue (68%)



Red (70%)

Yellow (65%)

Blue (68%)

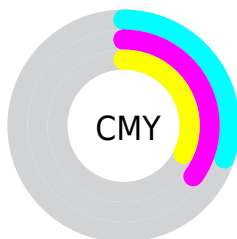


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (35%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5500, 0.3179, 0.3169 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 39.5500, 0.3179, 0.3169 by changing the saturation by 10% instead.

 39.5500, 0.3179,  
0.3169


 39.5500, 0.3179,  
0.3169


344.2232, 0.3153,  
0.3231

 27.1879, 0.3186,  
0.3153

 74.4778, 0.3169,  
0.3192

 17.7144, 0.3194,  
0.3133


 97.8122, 0.3166,  
0.3200

 10.7451, 0.3206,  
0.3105


125.5729, 0.3163,  
0.3207

 5.8957, 0.3223,  
0.3065

158.1441, 0.3160,  
0.3213

 2.7818, 0.3249,  
0.3004

195.9104, 0.3158,  
0.3219

 1.0189, 0.3294,  
0.2898


239.2561, 0.3156,


 0.0000, 0.4387,


0.3223

0.0000


288.5656, 0.3154,  
0.3227


 0.0000, 0.0000,  
0.0000


 39.5500, 0.3179,  
0.3169


 39.5500, 0.3179,  
0.3169


 33.2975, 0.3257,  
0.3007


 46.7210, 0.3114,  
0.3324


 27.9209, 0.3348,  
0.2840


 54.8407, 0.3059,  
0.3469

 23.3819, 0.3454,  
0.2674


 63.9441, 0.3013,  
0.3603


 19.6373, 0.3575,  
0.2515

 74.0630, 0.2975,  
0.3727


 16.6401, 0.3711,  
0.2373


 85.2278, 0.2944,  
0.3842

 14.3381, 0.3858,  
0.2258


 85.8641, 0.2910,  
0.3772


 12.6725, 0.4014,  
0.2182

 86.1930, 0.2877,  
0.3697

 11.5748, 0.4171,  
0.2152

 86.5348, 0.2844,  
0.3623

 10.9377, 0.4327,  
0.2170

 86.8896, 0.2812,  
0.3550

# Harmonies

## Analogous

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



39.5500, 0.3071, 0.3118



39.5500, 0.3179, 0.3169



39.5500, 0.3274, 0.3251

# Triad

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



39.5500, 0.3179, 0.3169



39.5500, 0.3275, 0.3472



39.5500, 0.2928, 0.3231

# Complementary

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



39.5500, 0.3179, 0.3169



43.1226, 0.3079, 0.3414

# 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.



39.5500, 0.2981, 0.3328



39.5500, 0.3179, 0.3169



39.5500, 0.3181, 0.3469

# Square

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



39.5500, 0.3179, 0.3169



39.5500, 0.3331, 0.3425



39.5500, 0.3073, 0.3416



39.5500, 0.2928, 0.3152

# Rectangle

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



39.5500, 0.3179, 0.3169



39.5500, 0.3317, 0.3313



39.5500, 0.3073, 0.3416



39.5500, 0.2941, 0.3262

# Sweetspot

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



39.5517, 0.3179, 0.3169



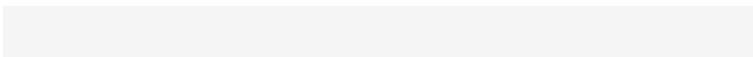
78.0618, 0.3140, 0.3259



38.7061, 0.3053, 0.3098



17.3255, 0.3139, 0.3261



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.



39.5517, 0.3179, 0.3169



69.2496, 0.3189, 0.3147



39.2906, 0.3240, 0.3262



8.5943, 0.3190, 0.3145



7.6627, 0.4344, 0.2167



0.2517, 0.3954, 0.1952



# Inverse Universe

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



39.5517, 0.3179, 0.3169



69.2496, 0.3189, 0.3147



43.3895, 0.3025, 0.3318



8.5943, 0.3190, 0.3145



7.6627, 0.4344, 0.2167

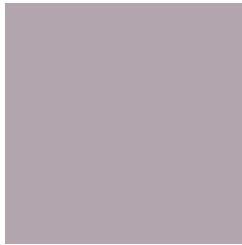


0.2517, 0.3954, 0.1952



# Previews

## White Background



This preview shows how the Yxy color 39.5500, 0.3179, 0.3169 looks on a white background.

## Color Contrast Check

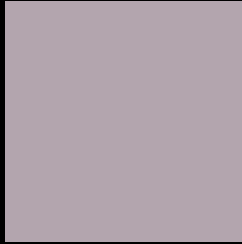
Large Text (above 18pt) WCAG AA × Fail

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 39.5500, 0.3179, 0.3169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

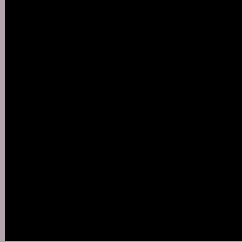
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

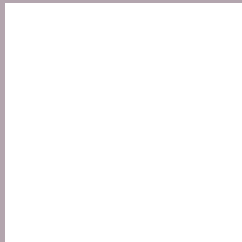
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 39.5500, 0.3179, 0.3169**

## Background



This preview shows how black text looks on a background with the Yxy color 39.5500, 0.3179, 0.3169.



This preview shows how white text looks on a background with the Yxy color 39.5500, 0.3179, 0.3169.

# 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

39.5500, 0.3179, 0.3169

### Protanopia

39.6859, 0.3078, 0.3180

### Deuteranopia

39.6742, 0.3218, 0.3157



## Tritanopia

39.3089, 0.3154, 0.3115

# Trichromacy



**Original Color**  
39.5500, 0.3179, 0.3169

**Protanomaly**  
39.6168, 0.3114, 0.3180

**Deuteranomaly**  
39.5520, 0.3208, 0.3156

**Tritanomaly**  
39.2692, 0.3163, 0.3128

# Monochromacy



**Original Color**  
39.5500, 0.3179, 0.3169

**Achromatopsia**  
40.1978, 0.3127, 0.3290

**Achromatomaly**  
39.8298, 0.3147, 0.3249

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.5500, 0.3179, 0.3169 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(179, 165, 174) looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 174)  
}
```

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(179, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 39.5500, 0.3179, 0.3169 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(179, 165, 174) }
```

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

```
.border{ border-color:rgb(179, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 174);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
174) }
```

# Background

The CSS property to change the background color of an element to Yxy 39.5500, 0.3179, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 174) }
```

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

```
.background{ background-color: rgb(179,  
165, 174) }
```

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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