

# Converting Colors

Yxy(39.3444, 0.3155, 0.3137)

Have a look what the booklet for  
Yxy(39.3444, 0.3155, 0.3137)  
contains.

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# Color

**Yxy(39.5098, 0.3153, 0.3141)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A5B0
RGB	178, 165, 176
RGB Percent	70%, 65%, 69%
CMY	0.3018, 0.3530, 0.3097
CMYK	0.00, 0.07, 0.01, 0.30
HSL	309°, 8%, 67%
HSV	309°, 7%, 70%
XYZ	39.6607, 39.5098, 46.6168
YIQ	170.1410, 4.2170, 6.1770

# Conversions

## Conversions Part 2

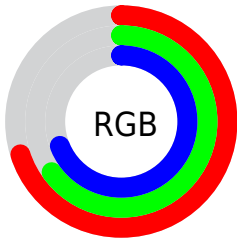
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 165, 176
Decimal	11707824
CIELab	69.12, 6.74, -3.98
CIELCh	69, 7.828, 329.428
Yxy	39.5098, 0.3153, 0.3141
Android (android.graphics.Color)	4289897904 (0xFFB2A5B0)
YUV	170.1410, 2.8885, 6.8923
Hunter-Lab	62.8568, 2.6286, 0.0283

# Details

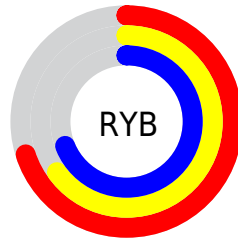
The Yxy color **39.5098, 0.3153, 0.3141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6488, 0.3102, 0.3444**, and the grayscale version is **40.2599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5050, 0.3147, 0.3165**, and **17.6255, 0.3150, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **33.4214, 0.3193, 0.2931**, and if you desaturate by 10%, it is **46.4980, 0.3118, 0.3343**.

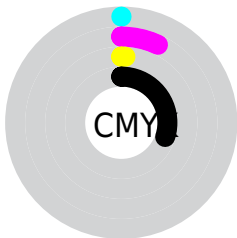
# Distribution



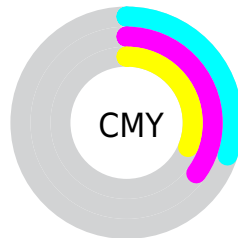
- Red (70%)
- Green (65%)
- Blue (69%)



- Red (70%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (30%)




- Cyan (30%)
- Magenta (35%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5098, 0.3153, 0.3141 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 39.5098, 0.3153, 0.3141 by changing the saturation by 10% instead.




 39.5098, 0.3153,  
0.3141


 39.5098, 0.3153,  
0.3141


344.0531, 0.3140,  
0.3217

 27.1565, 0.3156,  
0.3122


 74.4165, 0.3148,  
0.3169

 17.6908, 0.3160,  
0.3097


 97.7387, 0.3147,  
0.3179

 10.7282, 0.3166,  
0.3063


125.4860, 0.3145,  
0.3188

 5.8844, 0.3173,  
0.3014

158.0428, 0.3144,  
0.3195

 2.7749, 0.3185,  
0.2940

195.7936, 0.3143,  
0.3202

 1.0154, 0.3203,  
0.2811

239.1226, 0.3142,

 0.0000, 0.2944,

0.3208

0.0000


288.4143, 0.3141,  
0.3212


 0.0000, 0.0000,  
0.0000


 39.5098, 0.3153,  
0.3141


 39.5098, 0.3153,  
0.3141


 33.4214, 0.3193,  
0.2931


 46.4980, 0.3118,  
0.3343


 28.1909, 0.3237,  
0.2719


 54.4155, 0.3089,  
0.3534

 23.7808, 0.3287,  
0.2509

 63.2968, 0.3063,  
0.3712

 20.1486, 0.3341,  
0.2311

 73.1731, 0.3041,  
0.3877

 17.2484, 0.3399,  
0.2133

 84.0740, 0.3023,  
0.4028

■ 15.0290, 0.3459,  
0.1985

■ 84.8255, 0.3008,  
0.4005

■ 13.4330, 0.3518,  
0.1876

■ 84.9501, 0.2994,  
0.3972

■ 12.3931, 0.3576,  
0.1810

■ 85.0771, 0.2979,  
0.3939

■ 11.8098, 0.3631,  
0.1786

■ 85.2065, 0.2964,  
0.3906

# Harmonies

## Analogous

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



39.5098, 0.3038, 0.3097



39.5098, 0.3153, 0.3141



39.5098, 0.3263, 0.3222

# Triad

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



39.5098, 0.3153, 0.3141



39.5098, 0.3308, 0.3478



39.5098, 0.2922, 0.3252

# Complementary

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



39.5098, 0.3153, 0.3141



42.6488, 0.3102, 0.3444

# 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.



39.5098, 0.2992, 0.3358



39.5098, 0.3153, 0.3141



39.5098, 0.3214, 0.3491

# Square

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



39.5098, 0.3153, 0.3141



39.5098, 0.3354, 0.3416



39.5098, 0.3098, 0.3446



39.5098, 0.2906, 0.3159



# Rectangle

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



39.5098, 0.3153, 0.3141



39.5098, 0.3318, 0.3288



39.5098, 0.3098, 0.3446



39.5098, 0.2940, 0.3287

# Sweetspot

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



39.5115, 0.3153, 0.3141



78.1144, 0.3134, 0.3249



38.3316, 0.3034, 0.3108



17.3365, 0.3134, 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.



39.5115, 0.3153, 0.3141



69.4808, 0.3160, 0.3103



39.2620, 0.3210, 0.3228



8.6235, 0.3160, 0.3100



8.3618, 0.3640, 0.1779



0.2692, 0.3502, 0.1703



# Inverse Universe

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



39.5115, 0.3153, 0.3141



69.4808, 0.3160, 0.3103



42.8936, 0.3051, 0.3353



8.6235, 0.3160, 0.3100



8.3618, 0.3640, 0.1779



0.2692, 0.3502, 0.1703



# Previews

## White Background



This preview shows how the Yxy color 39.5098, 0.3153, 0.3141 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

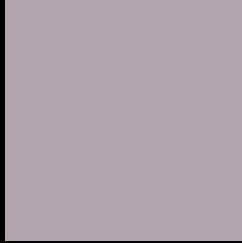
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.5098, 0.3153, 0.3141 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

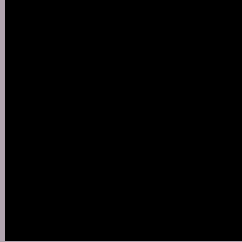
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.5098, 0.3153, 0.3141**

## **Background**



This preview shows how black text looks on a background with the Yxy color 39.5098, 0.3153, 0.3141.



This preview shows how white text looks on a background with the Yxy color 39.5098, 0.3153, 0.3141.

# 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

39.5098, 0.3153, 0.3141

### Protanopia

39.6546, 0.3052, 0.3152

### Deuteranopia

39.6306, 0.3191, 0.3130



## Tritanopia

39.5896, 0.3135, 0.3115

# Trichromacy



## Original Color

39.5098, 0.3153, 0.3141

## Protanomaly

39.5824, 0.3088, 0.3153

## Deuteranomaly

39.5093, 0.3181, 0.3129

## Tritanomaly

39.5496, 0.3144, 0.3128

# Monochromacy



## Original Color

39.5098, 0.3153, 0.3141

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

39.8681, 0.3139, 0.3235

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.5098, 0.3153, 0.3141 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(178, 165, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 165, 176)  
}
```

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(178, 165, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 165, 176) }
```

## Border

The CSS property to change the border of an element to Yxy 39.5098, 0.3153, 0.3141 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(178, 165, 176) }
```

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

```
.border{ border-color:rgb(178, 165, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 165, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 165, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 165, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 165,  
176) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.5098, 0.3153, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 165, 176) }
```

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

```
.background{ background-color: rgb(178,  
165, 176) }
```

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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