

# Converting Colors

$Yxy(39.2033, 0.3085, 0.3040)$

Have a look what the booklet for  
Yxy(39.2033, 0.3085, 0.3040)  
contains.

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# Color

**Yxy(39.2754, 0.3092, 0.3048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1A4B6
RGB	177, 164, 182
RGB Percent	69%, 64%, 71%
CMY	0.3061, 0.3568, 0.2863
CMYK	0.03, 0.10, 0.00, 0.29
HSL	283°, 11%, 68%
HSV	283°, 10%, 71%
XYZ	39.8424, 39.2754, 49.7385
YIQ	169.9390, 1.9700, 8.3540

# Conversions

## Conversions Part 2

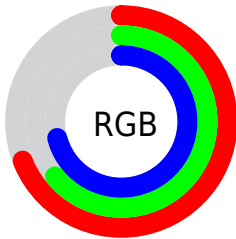
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 164, 182
Decimal	11642038
CIELab	68.95, 8.04, -7.56
CIELCh	69, 11.037, 316.732
Yxy	39.2754, 0.3092, 0.3048
Android (android.graphics.Color)	4289832118 (0xFFB1A4B6)
YUV	169.9390, 5.9461, 6.1925
Hunter-Lab	62.6701, 3.8083, -3.1868

# Details

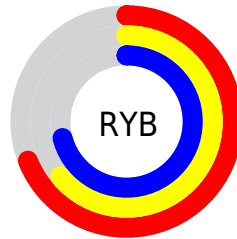
The Yxy color **39.2754, 0.3092, 0.3048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.5815, 0.3159, 0.3537**, and the grayscale version is **40.1338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1597, 0.3101, 0.3092**, and **17.4584, 0.3077, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **32.6323, 0.3049, 0.2790**, and if you desaturate by 10%, it is **46.8767, 0.3128, 0.3293**.

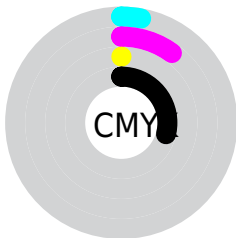
# Distribution



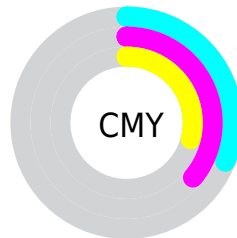
- Red (69%)
- Green (64%)
- Blue (71%)



- Red (69%)
- Yellow (64%)
- Blue (71%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)




- Cyan (31%)
- Magenta (36%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2754, 0.3092, 0.3048 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 39.2754, 0.3092, 0.3048 by changing the saturation by 10% instead.




 39.2754, 0.3092,  
0.3048


 39.2754, 0.3092,  
0.3048


343.0600, 0.3111,  
0.3171

 26.9740, 0.3087,  
0.3017


 74.0588, 0.3099,  
0.3093

 17.5537, 0.3080,  
0.2977


 97.3097, 0.3102,  
0.3110

 10.6301, 0.3070,  
0.2923


124.9792, 0.3104,  
0.3124

 5.8187, 0.3056,  
0.2846

157.4517, 0.3106,  
0.3136

 2.7351, 0.3032,  
0.2730

195.1117, 0.3107,  
0.3146

 0.9951, 0.2987,  
0.2532

238.3434, 0.3109,

 0.0000, 0.1757,

0.3155

0.0000

287.5314, 0.3110,  
0.3163


 0.0000, 0.0000,  
0.0000


 39.2754, 0.3092,  
0.3048


 39.2754, 0.3092,  
0.3048


 32.6323, 0.3049,  
0.2790


 46.8767, 0.3128,  
0.3293

 26.9025, 0.2999,  
0.2522


 55.4684, 0.3157,  
0.3521


 22.0455, 0.2942,  
0.2254

 65.0874, 0.3180,  
0.3731

 18.0153, 0.2878,  
0.1993

 75.7672, 0.3199,  
0.3922

 14.7617, 0.2807,  
0.1751

 87.5260, 0.3214,  
0.4095

■ 12.2291, 0.2733,  
0.1540

■ 88.2534, 0.3246,  
0.4087

■ 10.3542, 0.2658,  
0.1369

■ 89.0047, 0.3279,  
0.4078

■ 9.0625, 0.2583,  
0.1243

■ 89.7801, 0.3313,  
0.4070

■ 8.2028, 0.2510,  
0.1157

■ 90.5798, 0.3346,  
0.4062

# Harmonies

## Analogous

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



39.2754, 0.2940, 0.3014



39.2754, 0.3092, 0.3048



39.2754, 0.3257, 0.3142

# Triad

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



39.2754, 0.3092, 0.3048



39.2754, 0.3421, 0.3525



39.2754, 0.2871, 0.3298

# Complementary

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



39.2754, 0.3092, 0.3048



44.5815, 0.3159, 0.3537

# 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.



39.2754, 0.2995, 0.3445



39.2754, 0.3092, 0.3048



39.2754, 0.3312, 0.3577

# Square

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



39.2754, 0.3092, 0.3048



39.2754, 0.3449, 0.3413



39.2754, 0.3156, 0.3549



39.2754, 0.2816, 0.3154



# Rectangle

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



39.2754, 0.3092, 0.3048



39.2754, 0.3351, 0.3227



39.2754, 0.3156, 0.3549



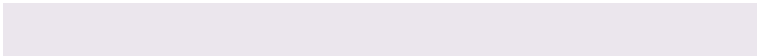
39.2754, 0.2906, 0.3349

# Sweetspot

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



39.2771, 0.3092, 0.3048



80.4246, 0.3117, 0.3217



39.6910, 0.2976, 0.3111



17.5136, 0.3114, 0.3197



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2771, 0.3092, 0.3048



68.2569, 0.3083, 0.2989



39.7222, 0.3172, 0.3102



9.0326, 0.3094, 0.3062



5.8205, 0.2517, 0.1160



0.2346, 0.2704, 0.1263



# Inverse Universe

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



39.3708, 0.3252, 0.3222



68.4737, 0.3286, 0.3206



44.1762, 0.3085, 0.3485



9.0526, 0.3245, 0.3226



7.2027, 0.5797, 0.2967

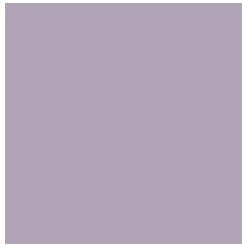


0.2648, 0.5042, 0.2551



# Previews

## White Background



This preview shows how the Yxy color 39.2754, 0.3092, 0.3048 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

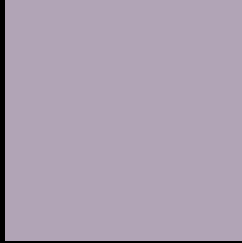
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2754, 0.3092, 0.3048 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

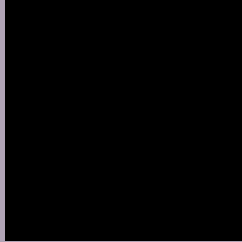
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.2754, 0.3092, 0.3048**

## Background



This preview shows how black text looks on a background with the Yxy color 39.2754, 0.3092, 0.3048.



This preview shows how white text looks on a background with the Yxy color 39.2754, 0.3092, 0.3048.

# 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

39.2754, 0.3092, 0.3048

### Protanopia

39.3136, 0.2986, 0.3056

### Deuteranopia

39.3933, 0.3102, 0.3049



## Tritanopia

39.3547, 0.3117, 0.3114

# Trichromacy



## Original Color

39.2754, 0.3092, 0.3048

## Protanomaly

39.3493, 0.3029, 0.3058

## Deuteranomaly

39.3933, 0.3102, 0.3049

## Tritanomaly

39.3950, 0.3108, 0.3100

# Monochromacy



## Original Color

39.2754, 0.3092, 0.3048

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

39.9455, 0.3122, 0.3208

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2754, 0.3092, 0.3048 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(177, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 182)  
}
```

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(177, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2754, 0.3092, 0.3048 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(177, 164, 182) }
```

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

```
.border{ border-color:rgb(177, 164, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 164, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 182);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
182) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.2754, 0.3092, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 182) }
```

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

```
.background{ background-color: rgb(177,  
164, 182) }
```

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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