

# Converting Colors

$Yxy(40.9862, 0.3075, 0.3049)$

Have a look what the booklet for  
Yxy(40.9862, 0.3075, 0.3049)  
contains.

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# Color

**Yxy(41.1341, 0.3075, 0.3052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A8BA
RGB	179, 168, 186
RGB Percent	70%, 66%, 73%
CMY	0.2983, 0.3411, 0.2707
CMYK	0.04, 0.10, 0.00, 0.27
HSL	276°, 12%, 69%
HSV	276°, 10%, 73%
XYZ	41.4441, 41.1341, 52.1993
YIQ	173.3410, 0.7780, 7.9300

# Conversions

## Conversions Part 2

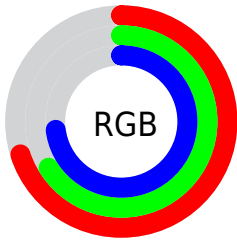
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	179, 168, 186
Decimal	11774138
CIE Lab	70.27, 7.30, -7.79
CIE LCh	70, 10.674, 313.134
Yxy	41.1341, 0.3075, 0.3052
Android (android.graphics.Color)	4289964218 (0xFFB3A8BA)
YUV	173.3410, 6.2409, 4.9629
Hunter-Lab	64.1359, 3.1075, -3.3602

# Details

The Yxy color  $41.1341, 0.3075, 0.3052$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $47.0602, 0.3175, 0.3531$ , and the grayscale version is  $41.9364, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $76.8483, 0.3088, 0.3095$ , and  $18.6199, 0.3054, 0.2980$  is the 20% darker color. If you saturate the color by 10%, you get  $33.9058, 0.3011, 0.2789$ , and if you desaturate by 10%, it is  $49.3941, 0.3129, 0.3298$ .

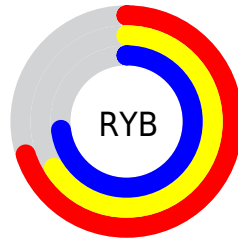
# Distribution



Red (70%)

Green (66%)

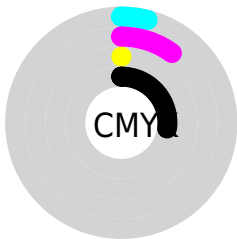
Blue (73%)



Red (70%)

Yellow (66%)

Blue (73%)

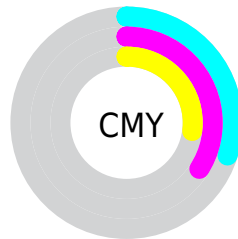


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (34%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1341, 0.3075, 0.3052 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 41.1341, 0.3075, 0.3052 by changing the saturation by 10% instead.





 41.1341, 0.3075,  
0.3052

 41.1341, 0.3075,  
0.3052

350.8808, 0.3102,  
0.3172

 28.4239, 0.3068,  
0.3022


 76.8874, 0.3085,  
0.3096

 18.6454, 0.3058,  
0.2983

 100.6993, 0.3089,  
0.3112

 11.4144, 0.3045,  
0.2931


128.9806, 0.3092,  
0.3126

 6.3463, 0.3026,  
0.2858

162.1155, 0.3095,  
0.3138

 3.0568, 0.2996,  
0.2748

200.4887, 0.3097,  
0.3148

 1.1614, 0.2940,  
0.2565

244.4843, 0.3099,

 0.0299, 0.2539,

0.3157

0.0367

294.4869, 0.3101,  
0.3165

■ 0.0000, 0.0000,  
0.0000

■ 41.1341, 0.3075,  
0.3052

■ 41.1341, 0.3075,  
0.3052

■ 33.9058, 0.3011,  
0.2789

■ 49.3941, 0.3129,  
0.3298

■ 27.6616, 0.2938,  
0.2513

■ 58.7202, 0.3174,  
0.3525

■ 22.3583, 0.2854,  
0.2231

■ 69.1516, 0.3211,  
0.3732

■ 17.9470, 0.2761,  
0.1953

■ 80.7242, 0.3242,  
0.3918

■ 14.3745, 0.2660,  
0.1691

■ 89.5727, 0.3274,  
0.4031

■ 11.5816, 0.2555,  
0.1457

■ 90.7042, 0.3322,  
0.4019

■ 9.5013, 0.2450,  
0.1263

■ 91.8856, 0.3370,  
0.4008

■ 8.0545, 0.2348,  
0.1117

■ 93.1174, 0.3418,  
0.3997

■ 7.0896, 0.2252,  
0.1016

■ 94.4003, 0.3467,  
0.3985

# Harmonies

## Analogous

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



41.1341, 0.2935, 0.3028



41.1341, 0.3075, 0.3052



41.1341, 0.3233, 0.3136

# Triad

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



41.1341, 0.3075, 0.3052



41.1341, 0.3414, 0.3504



41.1341, 0.2895, 0.3316

# Complementary

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



41.1341, 0.3075, 0.3052



47.0602, 0.3175, 0.3531

# 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.



41.1341, 0.3018, 0.3452



41.1341, 0.3075, 0.3052



41.1341, 0.3319, 0.3561

# Square

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



41.1341, 0.3075, 0.3052



41.1341, 0.3431, 0.3392



41.1341, 0.3173, 0.3543



41.1341, 0.2833, 0.3176



# Rectangle

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



41.1341, 0.3075, 0.3052



41.1341, 0.3326, 0.3215



41.1341, 0.3173, 0.3543



41.1341, 0.2930, 0.3364

# Sweetspot

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



41.1359, 0.3075, 0.3052



84.2530, 0.3112, 0.3217



42.6132, 0.2980, 0.3144



18.2829, 0.3107, 0.3197



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290



# Same Dimension

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



41.1359, 0.3075, 0.3052



71.0692, 0.3060, 0.2987



41.9201, 0.3153, 0.3080



8.9822, 0.3077, 0.3060



4.7944, 0.2261, 0.1019



0.2037, 0.2508, 0.1155



# Inverse Universe

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



41.5494, 0.3232, 0.3197



72.0139, 0.3263, 0.3172



46.3336, 0.3102, 0.3510



9.0690, 0.3228, 0.3201



7.3599, 0.5378, 0.2736



0.2717, 0.4689, 0.2357



# Previews

## White Background



This preview shows how the Yxy color 41.1341, 0.3075, 0.3052 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

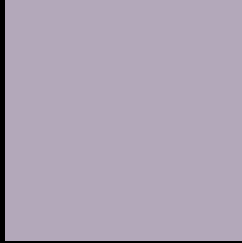
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 41.1341, 0.3075, 0.3052 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

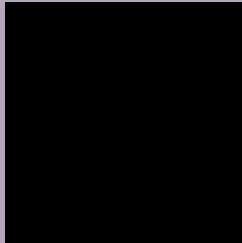
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 41.1341, 0.3075, 0.3052**

## **Background**



This preview shows how black text looks on a background with the Yxy color 41.1341, 0.3075, 0.3052.



This preview shows how white text looks on a background with the Yxy color 41.1341, 0.3075, 0.3052.

# 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

41.1341, 0.3075, 0.3052

### Protanopia

41.3027, 0.2980, 0.3061

### Deuteranopia

41.1277, 0.3103, 0.3040



## Tritanopia

41.2183, 0.3099, 0.3116

# Trichromacy



## Original Color

41.1341, 0.3075, 0.3052

## Protanomaly

41.2215, 0.3014, 0.3062

## Deuteranomaly

41.0064, 0.3094, 0.3039

## Tritanomaly

41.2598, 0.3091, 0.3103

# Monochromacy



## Original Color

41.1341, 0.3075, 0.3052

## Achromatopsia

41.7885, 0.3127, 0.3290

## Achromatomaly

41.4541, 0.3105, 0.3195

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.1341, 0.3075, 0.3052 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, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 186)  
}
```

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, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 186) }
```

## Border

The CSS property to change the border of an element to Yxy 41.1341, 0.3075, 0.3052 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, 168, 186) }
```

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

```
.border{ border-color:rgb(179, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 168, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 168, 186); box-shadow:4px 4px 4px 4px rgb(179, 168, 186) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.1341, 0.3075, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 186) }
```

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

```
.background{ background-color: rgb(179,  
168, 186) }
```

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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