

# Converting Colors

$Yxy(43.3080, 0.3000, 0.3053)$

Have a look what the booklet for  
Yxy(43.3080, 0.3000, 0.3053)  
contains.

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# Color

**Yxy(43.3080, 0.3000, 0.3053)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0AEC0
RGB	176, 174, 192
RGB Percent	69%, 68%, 75%
CMY	0.3098, 0.3176, 0.2470
CMYK	0.08, 0.09, 0.00, 0.25
HSL	247°, 13%, 72%
HSV	247°, 9%, 75%
XYZ	42.5562, 43.3080, 55.9897
YIQ	176.6500, -4.5860, 6.0220

# Conversions

## Conversions Part 2

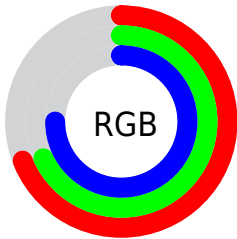
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 174, 192
Decimal	11579072
CIELab	71.76, 4.22, -8.91
CIELCh	72, 9.863, 295.336
Yxy	43.3080, 0.3000, 0.3053
Android (android.graphics.Color)	4289769152 (0xFFB0AEC0)
YUV	176.6500, 7.5675, -0.5701
Hunter-Lab	65.8088, 0.2641, -4.3774

# Details

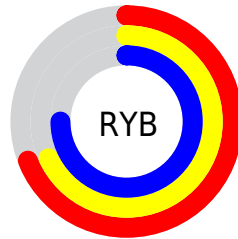
The Yxy color  $43.3080, 0.3000, 0.3053$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $51.7070, 0.3248, 0.3519$ , and the grayscale version is  $43.7361, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $79.9717, 0.3029, 0.3096$ , and  $19.9941, 0.2952, 0.2983$  is the 20% darker color. If you saturate the color by 10%, you get  $34.5475, 0.2846, 0.2770$ , and if you desaturate by 10%, it is  $53.3827, 0.3135, 0.3305$ .

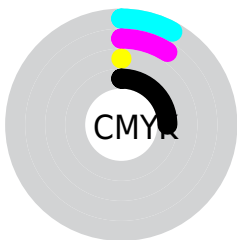
# Distribution



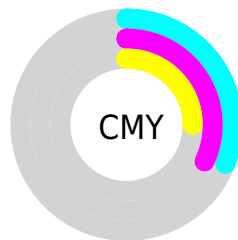
- Red (69%)
- Green (68%)
- Blue (75%)



- Red (69%)
- Yellow (68%)
- Blue (75%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (32%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3080, 0.3000, 0.3053 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 43.3080, 0.3000, 0.3053 by changing the saturation by 10% instead.



■ 43.3080, 0.3000,  
0.3053

■ 43.3080, 0.3000,  
0.3053

■ 359.8769, 0.3065,  
0.3172

■ 30.1269, 0.2984,  
0.3023

■ 80.1754, 0.3024,  
0.3096

■ 19.9349, 0.2962,  
0.2985

■ 104.6305, 0.3033,  
0.3112

■ 12.3477, 0.2933,  
0.2934

■ 133.6124, 0.3040,  
0.3126

■ 6.9810, 0.2893,  
0.2864

■ 167.5054, 0.3046,  
0.3138

■ 3.4502, 0.2830,  
0.2758

■ 206.6939, 0.3052,  
0.3148

■ 1.3710, 0.2724,  
0.2583

■ 251.5624, 0.3057,

■ 0.1952, 0.2187,

0.3157

0.1479

302.4953, 0.3061,  
0.3165

0.0000, 0.0000,  
0.0000

43.3080, 0.3000,  
0.3053

43.3080, 0.3000,  
0.3053

34.5475, 0.2846,  
0.2770

53.3827, 0.3135,  
0.3305

27.0418, 0.2673,  
0.2459

64.8170, 0.3252,  
0.3526

20.7349, 0.2484,  
0.2125

77.6608, 0.3352,  
0.3719

15.5644, 0.2285,  
0.1782

91.9601, 0.3438,  
0.3886

11.4624, 0.2086,  
0.1447

96.5861, 0.3502,  
0.3909

■ 8.3538, 0.1900,  
0.1145

■ 6.1532, 0.1740,  
0.0898

■ 4.7613, 0.1620,  
0.0726

■ 4.0074, 0.1542,  
0.0626

# Harmonies

## Analogous

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



43.3080, 0.2897, 0.3068



43.3080, 0.3000, 0.3053



43.3080, 0.3139, 0.3098

# Triad

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



43.3080, 0.3000, 0.3053



43.3080, 0.3406, 0.3429



43.3080, 0.2977, 0.3390

# Complementary

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



43.3080, 0.3000, 0.3053



51.7070, 0.3248, 0.3519

# 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.



43.3080, 0.3111, 0.3493



43.3080, 0.3000, 0.3053



43.3080, 0.3360, 0.3513

# Square

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



43.3080, 0.3000, 0.3053



43.3080, 0.3376, 0.3312



43.3080, 0.3251, 0.3538



43.3080, 0.2885, 0.3260



# Rectangle

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



43.3080, 0.3000, 0.3053



43.3080, 0.3233, 0.3157



43.3080, 0.3251, 0.3538



43.3080, 0.3019, 0.3429

# Sweetspot

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



43.3098, 0.3000, 0.3053



89.7371, 0.3088, 0.3216



49.7221, 0.2984, 0.3266



18.9303, 0.3077, 0.3196



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



43.3098, 0.3000, 0.3053



75.4399, 0.2974, 0.3004



44.3693, 0.3075, 0.3059



9.8004, 0.3000, 0.3053



2.6882, 0.1544, 0.0624



0.1344, 0.1685, 0.0702



# Inverse Universe

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



45.1986, 0.3154, 0.3088



79.4724, 0.3160, 0.3048



50.6076, 0.3175, 0.3524



10.2276, 0.3154, 0.3088



9.5174, 0.3507, 0.1706



0.4168, 0.3432, 0.1665



# Previews

## White Background



This preview shows how the Yxy color 43.3080, 0.3000, 0.3053 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 43.3080, 0.3000, 0.3053 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

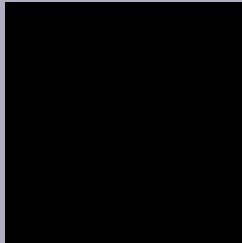
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.3080, 0.3000, 0.3053**

## Background



This preview shows how black text looks on a background with the Yxy color 43.3080, 0.3000, 0.3053.



This preview shows how white text looks on a background with the Yxy color 43.3080, 0.3000, 0.3053.

# 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

43.3080, 0.3000, 0.3053

### Protanopia

43.4644, 0.2983, 0.3065

### Deuteranopia

43.2904, 0.3070, 0.3007



## Tritanopia

43.4047, 0.3023, 0.3118

# Trichromacy



## Original Color

43.3080, 0.3000, 0.3053

## Protanomaly

43.5797, 0.2992, 0.3066

## Deuteranomaly

43.3004, 0.3044, 0.3018

## Tritanomaly

43.4480, 0.3015, 0.3105

# Monochromacy



## Original Color

43.3080, 0.3000, 0.3053

## Achromatopsia

43.9657, 0.3127, 0.3290

## Achromatomaly

43.7752, 0.3087, 0.3210

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.3080, 0.3000, 0.3053 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(176, 174, 192)` looks like.

```
.text, #text, p{  
    color:rgb(176, 174, 192)  
}
```

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(176, 174, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 174, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 43.3080, 0.3000, 0.3053 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(176, 174, 192) }
```

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

```
.border{ border-color:rgb(176, 174, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 174, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 174, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 174, 192);  
box-shadow:4px 4px 4px 4px rgb(176, 174,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.3080, 0.3000, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 174, 192) }
```

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

```
.background{ background-color: rgb(176,  
174, 192) }
```

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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