

Converting Colors

Yxy(38.4986, 0.3049, 0.2961)

Have a look what the booklet for
Yxy(38.4986, 0.3049, 0.2961)
contains.

Yxy(38.6159, 0.3050, 0.2968)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.6159, 0.3050, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	B0A2BA
RGB	176, 162, 186
RGB Percent	69%, 64%, 73%
CMY	0.3099, 0.3647, 0.2706
CMYK	0.05, 0.13, 0.00, 0.27
HSL	275°, 15%, 68%
HSV	275°, 13%, 73%
XYZ	39.6828, 38.6159, 51.8088
YIQ	168.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

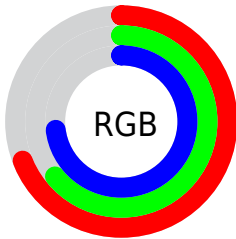
Format	Color
R_{YB}	176, 162, 186
Decimal	11575994
CIE Lab	68.47, 9.60, -10.50
CIE LCh	68, 14.223, 312.436
Yxy	38.6159, 0.3050, 0.2968
Android (android.graphics.Color)	4289766074 (0xFFB0A2BA)
YUV	168.9220, 8.4195, 6.2074
Hunter-Lab	62.1417, 5.2395, -5.9321

Details

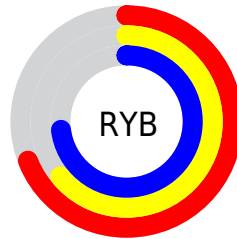
The Yxy color **38.6159, 0.3050, 0.2968** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.4946, 0.3196, 0.3616**, and the grayscale version is **39.5923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1923, 0.3069, 0.3030**, and **17.0563, 0.3018, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **31.6626, 0.2978, 0.2699**, and if you desaturate by 10%, it is **46.5934, 0.3111, 0.3221**.

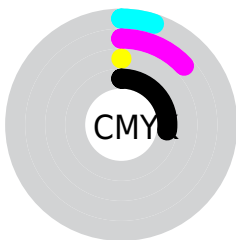
Distribution



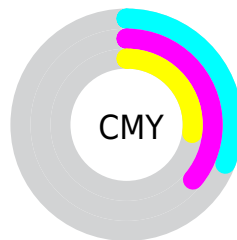
- Red (69%)
- Green (64%)
- Blue (73%)



- Red (69%)
- Yellow (64%)
- Blue (73%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (27%)





- Cyan (31%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6159, 0.3050, 0.2968 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 38.6159, 0.3050, 0.2968 by changing the saturation by 10% instead.


 38.6159, 0.3050,
0.2968


 38.6159, 0.3050,
0.2968


340.2547, 0.3091,
0.3131

 26.4611, 0.3039,
0.2927


 73.0512, 0.3065,
0.3028

 17.1689, 0.3024,
0.2874

 96.1004, 0.3071,
0.3050

 10.3550, 0.3004,
0.2803


123.5499, 0.3076,
0.3068

 5.6349, 0.2974,
0.2702

155.7840, 0.3080,
0.3085

 2.6244, 0.2925,
0.2551

193.1871, 0.3083,
0.3098

 0.9389, 0.2834,
0.2296

236.1437, 0.3086,


 0.0000, 0.1180,


0.3111


0.0000

285.0381, 0.3089,
0.3121


 0.0000, 0.0000,
0.0000


 38.6159, 0.3050,
0.2968


 38.6159, 0.3050,
0.2968


 31.6626, 0.2978,
0.2699


 46.5934, 0.3111,
0.3221


 25.6853, 0.2896,
0.2418


 55.6307, 0.3163,
0.3454


 20.6392, 0.2802,
0.2133

 65.7679, 0.3206,
0.3666

 16.4742, 0.2700,
0.1855

 77.0414, 0.3241,
0.3859

 13.1349, 0.2591,
0.1595

 89.4815, 0.3270,
0.4031

10.5599, 0.2479,
0.1368

90.6836, 0.3321,
0.4020

8.6786, 0.2369,
0.1185

91.9421, 0.3372,
0.4008

7.4065, 0.2264,
0.1052

93.2579, 0.3424,
0.3996

6.7544, 0.2193,
0.0982

94.6317, 0.3476,
0.3983

Harmonies

Analogous

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



38.6159, 0.2862, 0.2936



38.6159, 0.3050, 0.2968



38.6159, 0.3265, 0.3078

Triad

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



38.6159, 0.3050, 0.2968



38.6159, 0.3520, 0.3576



38.6159, 0.2815, 0.3328

Complementary

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



38.6159, 0.3050, 0.2968



46.4946, 0.3196, 0.3616

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.



38.6159, 0.2983, 0.3517



38.6159, 0.3050, 0.2968



38.6159, 0.3391, 0.3659

Square

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



38.6159, 0.3050, 0.2968



38.6159, 0.3542, 0.3422



38.6159, 0.3193, 0.3640



38.6159, 0.2730, 0.3136

Rectangle

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



38.6159, 0.3050, 0.2968



38.6159, 0.3394, 0.3183



38.6159, 0.3193, 0.3640



38.6159, 0.2863, 0.3395

Sweetspot

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



38.6175, 0.3050, 0.2968



82.6675, 0.3105, 0.3192



40.8856, 0.2929, 0.3102



17.9525, 0.3100, 0.3173



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.



38.6175, 0.3050, 0.2968



66.8703, 0.3034, 0.2906



39.7598, 0.3156, 0.2997



8.9709, 0.3073, 0.3060



4.5896, 0.2205, 0.0989



0.1973, 0.2464, 0.1131

Inverse Universe

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



39.2622, 0.3266, 0.3157



68.2468, 0.3296, 0.3132



45.4615, 0.3099, 0.3601



9.0727, 0.3224, 0.3195



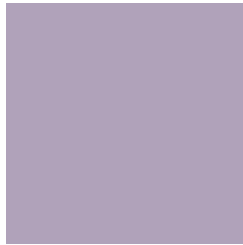
7.4040, 0.5275, 0.2680



0.2734, 0.4614, 0.2315

Previews

White Background



This preview shows how the Yxy color 38.6159, 0.3050, 0.2968 looks on a white background.

Color Contrast Check

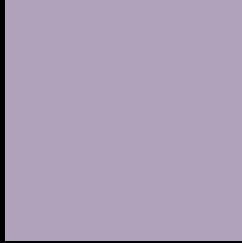
Large Text (above 18pt) WCAG AA × Fail

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 38.6159, 0.3050, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

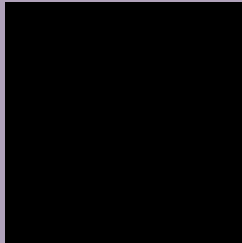
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6159, 0.3050, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 38.6159, 0.3050, 0.2968.



This preview shows how white text looks on a background with the Yxy color 38.6159, 0.3050, 0.2968.

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

38.6159, 0.3050, 0.2968

Protanopia

38.7958, 0.2928, 0.2987

Deuteranopia

38.7382, 0.3032, 0.2980



Tritanopia

38.6842, 0.3116, 0.3126

Trichromacy



Original Color

38.6159, 0.3050, 0.2968

Protanomaly

38.8230, 0.2970, 0.2989

Deuteranomaly

38.8535, 0.3041, 0.2981

Tritanomaly

38.6036, 0.3092, 0.3059

Monochromacy



Original Color

38.6159, 0.3050, 0.2968

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1382, 0.3105, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6159, 0.3050, 0.2968 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, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 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(176, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 186) }
```

Border

The CSS property to change the border of an element to Yxy 38.6159, 0.3050, 0.2968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

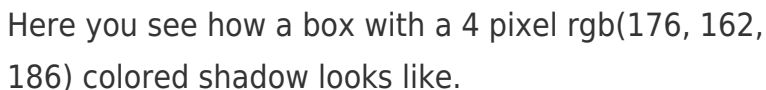
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 162, 186) }
```

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

```
.border{ border-color:rgb(176, 162, 186) }
```

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



Here you see how a box with a 4 pixel rgb(176, 162, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6159, 0.3050, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 186) }
```

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

```
.background{ background-color: rgb(176,  
162, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor