

Converting Colors

$Yxy(38.5256, 0.3000, 0.2878)$

Have a look what the booklet for
Yxy(38.5256, 0.3000, 0.2878)
contains.

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Color

Yxy(38.5256, 0.3000, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	B0A1C0
RGB	176, 161, 192
RGB Percent	69%, 63%, 75%
CMY	0.3099, 0.3686, 0.2471
CMYK	0.08, 0.16, 0.00, 0.25
HSL	269°, 20%, 69%
HSV	269°, 16%, 75%
XYZ	40.1587, 38.5256, 55.1781
YIQ	169.0190, -1.0110, 12.8210

Conversions

Conversions Part 2

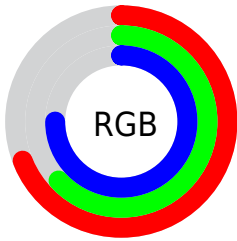
Format	Color
R_{YB}	176, 161, 192
Decimal	11575744
CIE _{Lab}	68.41, 11.37, -13.92
CIE _{LCh}	68, 17.977, 309.231
Yxy	38.5256, 0.3000, 0.2878
Android (android.graphics.Color)	4289765824 (0xFFB0A1C0)
YUV	169.0190, 11.3296, 6.1223
Hunter-Lab	62.0690, 6.8690, -9.2593

Details

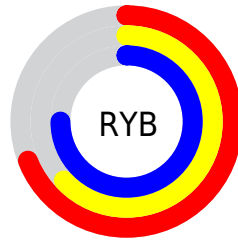
The Yxy color **38.5256, 0.3000, 0.2878** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6142, 0.3239, 0.3701**, and the grayscale version is **39.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0448, 0.3030, 0.2960**, and **16.9832, 0.2960, 0.2758** is the 20% darker color. If you saturate the color by 10%, you get **31.2096, 0.2904, 0.2598**, and if you desaturate by 10%, it is **46.9596, 0.3083, 0.3140**.

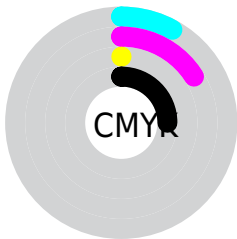
Distribution



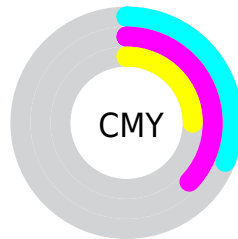
- Red (69%)
- Green (63%)
- Blue (75%)



- Red (69%)
- Yellow (63%)
- Blue (75%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5256, 0.3000, 0.2878 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 38.5256, 0.3000, 0.2878 by changing the saturation by 10% instead.

■ 38.5256, 0.3000,
0.2878

■ 38.5256, 0.3000,
0.2878

■ 339.8693, 0.3067,
0.3085

■ 26.3909, 0.2982,
0.2826

■ 72.9130, 0.3025,
0.2953

■ 17.1163, 0.2958,
0.2759

■ 95.9345, 0.3035,
0.2982

■ 10.3174, 0.2925,
0.2670

■ 123.3537, 0.3042,
0.3006

■ 5.6099, 0.2877,
0.2546

■ 155.5551, 0.3049,
0.3026

■ 2.6094, 0.2800,
0.2361

■ 192.9229, 0.3054,
0.3044

■ 0.9314, 0.2661,
0.2058

■ 235.8416, 0.3059,

■ 0.0000, 0.1232,

0.3059

0.0000

284.6956, 0.3064,
0.3073

0.0000, 0.0000,
0.0000

38.5256, 0.3000,
0.2878

38.5256, 0.3000,
0.2878

31.2096, 0.2904,
0.2598

46.9596, 0.3083,
0.3140

24.9581, 0.2796,
0.2304

56.5523, 0.3153,
0.3380

19.7203, 0.2675,
0.2006

67.3483, 0.3212,
0.3598

15.4395, 0.2545,
0.1716

79.3883, 0.3262,
0.3794

12.0529, 0.2410,
0.1448

91.4257, 0.3306,
0.3951

■ 9.4901, 0.2275,
0.1217

■ 93.0721, 0.3371,
0.3937

■ 7.6694, 0.2147,
0.1035

■ 94.8127, 0.3438,
0.3923

■ 6.4871, 0.2031,
0.0910

■ 96.5850, 0.3502,
0.3910

■ 6.1211, 0.1989,
0.0869

Harmonies

Analogous

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



38.5256, 0.2772, 0.2848



38.5256, 0.3000, 0.2878



38.5256, 0.3272, 0.3006

Triad

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



38.5256, 0.3000, 0.2878



38.5256, 0.3635, 0.3630



38.5256, 0.2752, 0.3364

Complementary

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



38.5256, 0.3000, 0.2878



49.6142, 0.3239, 0.3701

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.



38.5256, 0.2970, 0.3601



38.5256, 0.3000, 0.2878



38.5256, 0.3482, 0.3752

Square

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



38.5256, 0.3000, 0.2878



38.5256, 0.3647, 0.3428



38.5256, 0.3237, 0.3746



38.5256, 0.2634, 0.3115

Rectangle

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



38.5256, 0.3000, 0.2878



38.5256, 0.3440, 0.3132



38.5256, 0.3237, 0.3746



38.5256, 0.2815, 0.3448

Sweetspot

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



38.5272, 0.3000, 0.2878



86.8328, 0.3091, 0.3166



43.0376, 0.2878, 0.3093



18.3783, 0.3085, 0.3149



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.



38.5272, 0.3000, 0.2878



65.4005, 0.2971, 0.2791



40.3693, 0.3136, 0.2895



9.9815, 0.3057, 0.3057



4.1656, 0.2001, 0.0876



0.2210, 0.2253, 0.1015

Inverse Universe

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



39.8734, 0.3279, 0.3082



68.2869, 0.3315, 0.3040



47.9515, 0.3115, 0.3717



10.1628, 0.3210, 0.3172



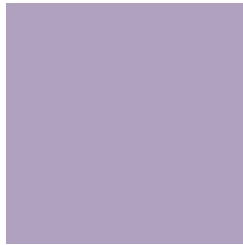
8.1654, 0.4867, 0.2455



0.3667, 0.4400, 0.2198

Previews

White Background



This preview shows how the Yxy color 38.5256, 0.3000, 0.2878 looks on a white background.

Color Contrast Check

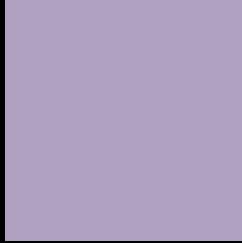
Large Text (above 18pt) WCAG AA × Fail

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 38.5256, 0.3000, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

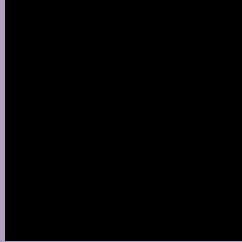
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5256, 0.3000, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 38.5256, 0.3000, 0.2878.



This preview shows how white text looks on a background with the Yxy color 38.5256, 0.3000, 0.2878.

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

38.5256, 0.3000, 0.2878

Protanopia

38.4275, 0.2847, 0.2879

Deuteranopia

38.6581, 0.2956, 0.2900



Tritanopia

38.7239, 0.3108, 0.3112

Trichromacy



Original Color

38.5256, 0.3000, 0.2878

Protanomaly

38.5530, 0.2897, 0.2883

Deuteranomaly

38.5307, 0.2973, 0.2888

Tritanomaly

38.6857, 0.3075, 0.3033

Monochromacy



Original Color

38.5256, 0.3000, 0.2878

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2174, 0.3088, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5256, 0.3000, 0.2878 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, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 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, 161, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 192) }
```

Border

The CSS property to change the border of an element to Yxy 38.5256, 0.3000, 0.2878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

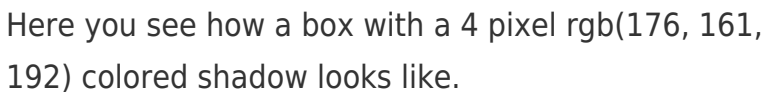
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 161, 192) }
```

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

```
.border{ border-color:rgb(176, 161, 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, 161, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 161, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 161, 192); box-shadow:4px 4px 4px 4px rgb(176, 161, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5256, 0.3000, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 192) }
```

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

```
.background{ background-color: rgb(176,  
161, 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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