

Converting Colors

$Y_{xy}(38.3530, 0.3125, 0.2988)$

Have a look what the booklet for
Yxy(38.3530, 0.3125, 0.2988)
contains.

Yxy(38.3843, 0.3123, 0.2984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.3843, 0.3123, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	B5A0B7
RGB	181, 160, 183
RGB Percent	71%, 63%, 72%
CMY	0.2902, 0.3725, 0.2825
CMYK	0.01, 0.13, 0.00, 0.28
HSL	295°, 14%, 67%
HSV	295°, 13%, 72%
XYZ	40.1723, 38.3843, 50.0771
YIQ	168.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

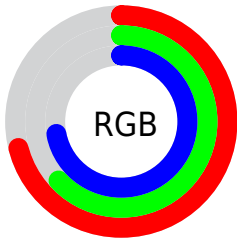
Format	Color
RYB	181, 160, 183
Decimal	11903159
CIELab	68.30, 11.86, -9.03
CIELCh	68, 14.904, 322.709
Yxy	38.3843, 0.3123, 0.2984
Android (android.graphics.Color)	4290093239 (0xFFB5A0B7)
YUV	168.9010, 6.9508, 10.6108
Hunter-Lab	61.9551, 7.3199, -4.5544

Details

The Yxy color **38.3843, 0.3123, 0.2984** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0741, 0.3129, 0.3613**, and the grayscale version is **39.5883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8374, 0.3124, 0.3042**, and **16.9260, 0.3120, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **32.3128, 0.3117, 0.2732**, and if you desaturate by 10%, it is **45.3950, 0.3127, 0.3229**.

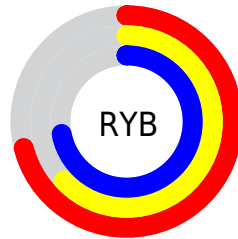
Distribution



Red (71%)

Green (63%)

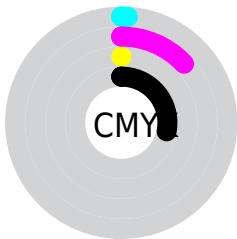
Blue (72%)



Red (71%)

Yellow (63%)

Blue (72%)

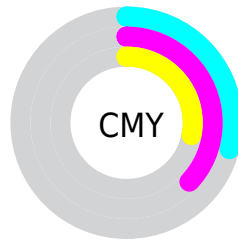


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3843, 0.3123, 0.2984 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 38.3843, 0.3123, 0.2984 by changing the saturation by 10% instead.


 38.3843, 0.3123,
0.2984


 38.3843, 0.3123,
0.2984


339.2657, 0.3127,
0.3139

 26.2811, 0.3122,
0.2945


 72.6968, 0.3125,
0.3041

 17.0340, 0.3119,
0.2894


 95.6749, 0.3125,
0.3062

 10.2588, 0.3116,
0.2827


123.0467, 0.3126,
0.3079

 5.5709, 0.3110,
0.2731

155.1966, 0.3126,
0.3095

 2.5859, 0.3099,
0.2587

192.5091, 0.3126,
0.3108

 0.9196, 0.3073,
0.2344

235.3685, 0.3126,

 0.0000, 0.2062,


0.3119


0.0000


284.1592, 0.3126,
0.3130

 0.0000, 0.0000,
0.0000

 38.3843, 0.3123,
0.2984


 38.3843, 0.3123,
0.2984


 32.3128, 0.3117,
0.2732


 45.3950, 0.3127,
0.3229


 27.1348, 0.3109,
0.2481


 53.3779, 0.3128,
0.3463


 22.8084, 0.3099,
0.2238

 62.3709, 0.3129,
0.3682

 19.2863, 0.3085,
0.2013

 72.4080, 0.3128,
0.3885

 16.5165, 0.3069,
0.1816

 83.5219, 0.3126,
0.4070

■ 14.4412, 0.3051,
0.1656

■ 85.9401, 0.3133,
0.4102

■ 12.9938, 0.3031,
0.1536

■ 86.1441, 0.3143,
0.4100

■ 12.0950, 0.3010,
0.1460

■ 86.3502, 0.3153,
0.4097

■ 11.6626, 0.2994,
0.1423

■ 86.5585, 0.3162,
0.4095

Harmonies

Analogous

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



38.3843, 0.2910, 0.2920



38.3843, 0.3123, 0.2984



38.3843, 0.3344, 0.3122

Triad

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



38.3843, 0.3123, 0.2984



38.3843, 0.3505, 0.3630



38.3843, 0.2758, 0.3257

Complementary

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



38.3843, 0.3123, 0.2984



44.0741, 0.3129, 0.3613

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.



38.3843, 0.2908, 0.3465



38.3843, 0.3123, 0.2984



38.3843, 0.3338, 0.3684

Square

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



38.3843, 0.3123, 0.2984



38.3843, 0.3569, 0.3488



38.3843, 0.3119, 0.3625



38.3843, 0.2704, 0.3068

Rectangle

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



38.3843, 0.3123, 0.2984



38.3843, 0.3465, 0.3240



38.3843, 0.3119, 0.3625



38.3843, 0.2798, 0.3328

Sweetspot

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



38.3860, 0.3123, 0.2984



79.3157, 0.3126, 0.3193



36.8399, 0.2932, 0.2999



17.3007, 0.3126, 0.3174



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.



38.3860, 0.3123, 0.2984



65.6750, 0.3122, 0.2917



38.2559, 0.3224, 0.3105



9.1225, 0.3124, 0.3064



8.1533, 0.2997, 0.1425



0.2990, 0.3055, 0.1457

Inverse Universe

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



37.8160, 0.3333, 0.3264



64.4634, 0.3385, 0.3258



44.2028, 0.3041, 0.3482



9.0244, 0.3275, 0.3271



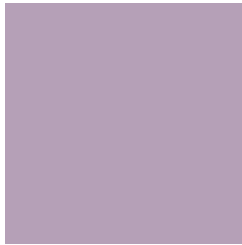
7.0531, 0.6288, 0.3238



0.2529, 0.5887, 0.3017

Previews

White Background



This preview shows how the Yxy color 38.3843, 0.3123, 0.2984 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 38.3843, 0.3123, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

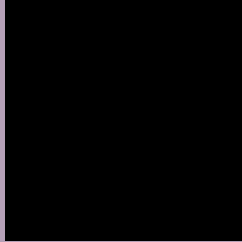
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3843, 0.3123, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 38.3843, 0.3123, 0.2984.



This preview shows how white text looks on a background with the Yxy color 38.3843, 0.3123, 0.2984.

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

38.3843, 0.3123, 0.2984

Protanopia

38.3480, 0.2943, 0.2999

Deuteranopia

38.3735, 0.3066, 0.3006



Tritanopia

38.2490, 0.3192, 0.3114

Trichromacy



Original Color

38.3843, 0.3123, 0.2984

Protanomaly

38.2432, 0.3004, 0.2989

Deuteranomaly

38.2557, 0.3085, 0.2994

Tritanomaly

38.3674, 0.3166, 0.3075

Monochromacy



Original Color

38.3843, 0.3123, 0.2984

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.2127, 0.3123, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3843, 0.3123, 0.2984 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(181, 160, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 160, 183)  
}
```

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(181, 160, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 160, 183) }
```

Border

The CSS property to change the border of an element to Yxy 38.3843, 0.3123, 0.2984 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(181, 160, 183) }
```

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

```
.border{ border-color:rgb(181, 160, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 160, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 160, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 160, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 160,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3843, 0.3123, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 160, 183) }
```

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

```
.background{ background-color: rgb(181,  
160, 183) }
```

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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