

Converting Colors

$Y_{xy}(39.3443, 0.3106, 0.3019)$

Have a look what the booklet for
Yxy(39.3443, 0.3106, 0.3019)
contains.

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Color

Yxy(39.3166, 0.3112, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	B4A3B7
RGB	180, 163, 183
RGB Percent	71%, 64%, 72%
CMY	0.2940, 0.3608, 0.2823
CMYK	0.02, 0.11, 0.00, 0.28
HSL	291°, 12%, 68%
HSV	291°, 11%, 72%
XYZ	40.4741, 39.3166, 50.2675
YIQ	170.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

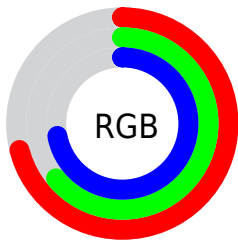
Format	Color
R_{YB}	180, 163, 183
Decimal	11838391
CIE Lab	68.98, 9.88, -8.06
CIE LCh	69, 12.746, 320.789
Yxy	39.3166, 0.3112, 0.3023
Android (android.graphics.Color)	4290028471 (0xFFB4A3B7)
YUV	170.3630, 6.2300, 8.4516
Hunter-Lab	62.7030, 5.4898, -3.6394

Details

The Yxy color **39.3166, 0.3112, 0.3023** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6256, 0.3139, 0.3568**, and the grayscale version is **40.3590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2077, 0.3116, 0.3073**, and **17.4926, 0.3105, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **32.9581, 0.3094, 0.2769**, and if you desaturate by 10%, it is **46.6255, 0.3126, 0.3268**.

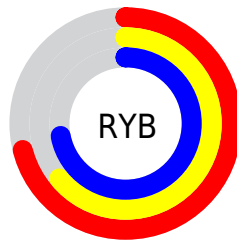
Distribution



Red (71%)

Green (64%)

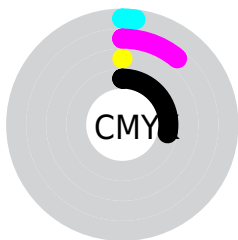
Blue (72%)



Red (71%)

Yellow (64%)

Blue (72%)

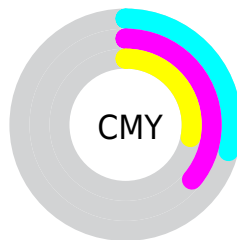


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3166, 0.3112, 0.3023 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 39.3166, 0.3112, 0.3023 by changing the saturation by 10% instead.

■ 39.3166, 0.3112,
0.3023

■ 39.3166, 0.3112,
0.3023

■ 343.2347, 0.3121,
0.3158

■ 27.0061, 0.3109,
0.2989

■ 74.1217, 0.3116,
0.3072

■ 17.5778, 0.3106,
0.2945

■ 97.3852, 0.3117,
0.3091

■ 10.6473, 0.3100,
0.2886

■ 125.0683, 0.3118,
0.3106

■ 5.8302, 0.3092,
0.2803

■ 157.5557, 0.3119,
0.3120

■ 2.7421, 0.3078,
0.2677

■ 195.2316, 0.3119,
0.3131

■ 0.9986, 0.3048,
0.2464

■ 238.4805, 0.3120,


■ 0.0000, 0.2330,


0.3141


0.0000

287.6867, 0.3120,
0.3150

 0.0000, 0.0000,
0.0000


 39.3166, 0.3112,
0.3023


 39.3166, 0.3112,
0.3023


 32.9581, 0.3094,
0.2769


 46.6255, 0.3126,
0.3268

 27.5046, 0.3072,
0.2512


 54.9176, 0.3137,
0.3499


 22.9148, 0.3047,
0.2259

 64.2303, 0.3145,
0.3714

 19.1419, 0.3017,
0.2021

 74.5976, 0.3150,
0.3911

 16.1347, 0.2983,
0.1807

 86.0519, 0.3154,
0.4092

■ 13.8364, 0.2947,
0.1627

■ 86.7329, 0.3170,
0.4093

■ 12.1819, 0.2909,
0.1487

■ 87.1037, 0.3187,
0.4088

■ 11.0944, 0.2870,
0.1392

■ 87.4812, 0.3204,
0.4084

■ 10.4579, 0.2835,
0.1335

■ 87.8655, 0.3222,
0.4080

Harmonies

Analogous

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



39.3166, 0.2932, 0.2974



39.3166, 0.3112, 0.3023



39.3166, 0.3301, 0.3138

Triad

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



39.3166, 0.3112, 0.3023



39.3166, 0.3454, 0.3574



39.3166, 0.2819, 0.3275

Complementary

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



39.3166, 0.3112, 0.3023



44.6256, 0.3139, 0.3568

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.



39.3166, 0.2951, 0.3448



39.3166, 0.3112, 0.3023



39.3166, 0.3318, 0.3623

Square

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



39.3166, 0.3112, 0.3023



39.3166, 0.3501, 0.3451



39.3166, 0.3133, 0.3578



39.3166, 0.2767, 0.3112

Rectangle

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



39.3166, 0.3112, 0.3023



39.3166, 0.3405, 0.3239



39.3166, 0.3133, 0.3578



39.3166, 0.2855, 0.3334

Sweetspot

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



39.3183, 0.3112, 0.3023



80.5845, 0.3123, 0.3217



38.4764, 0.2958, 0.3053



17.5581, 0.3122, 0.3198



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.



39.3183, 0.3112, 0.3023



67.6679, 0.3108, 0.2966



39.3964, 0.3201, 0.3116



9.0930, 0.3114, 0.3063



7.3171, 0.2839, 0.1338



0.2766, 0.2941, 0.1394

Inverse Universe

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



39.0138, 0.3291, 0.3250



67.0267, 0.3331, 0.3241



44.5645, 0.3060, 0.3470



9.0335, 0.3265, 0.3256



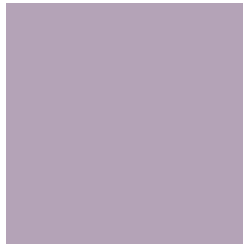
7.0859, 0.6171, 0.3173



0.2568, 0.5571, 0.2843

Previews

White Background



This preview shows how the Yxy color 39.3166, 0.3112, 0.3023 looks on a white background.

Color Contrast Check

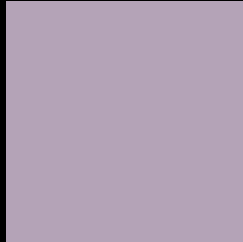
Large Text (above 18pt) WCAG AA × Fail

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 39.3166, 0.3112, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

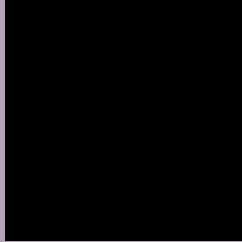
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3166, 0.3112, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 39.3166, 0.3112, 0.3023.



This preview shows how white text looks on a background with the Yxy color 39.3166, 0.3112, 0.3023.

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

39.3166, 0.3112, 0.3023

Protanopia

39.2896, 0.2961, 0.3029

Deuteranopia

39.4348, 0.3093, 0.3036



Tritanopia

39.3089, 0.3154, 0.3115

Trichromacy



Original Color

39.3166, 0.3112, 0.3023

Protanomaly

39.4331, 0.3013, 0.3032

Deuteranomaly

39.5535, 0.3102, 0.3036

Tritanomaly

39.3893, 0.3137, 0.3089

Monochromacy



Original Color

39.3166, 0.3112, 0.3023

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7312, 0.3123, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3166, 0.3112, 0.3023 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(180, 163, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 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(180, 163, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.3166, 0.3112, 0.3023 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(180, 163, 183) }
```

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

```
.border{ border-color:rgb(180, 163, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 163, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3166, 0.3112, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 163, 183) }
```

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

```
.background{ background-color: rgb(180,  
163, 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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