

Converting Colors

$Yxy(39.7619, 0.3120, 0.3072)$

Have a look what the booklet for
Yxy(39.7619, 0.3120, 0.3072)
contains.

Yxy(39.8302, 0.3119, 0.3076)	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(39.8302, 0.3119, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	B3A5B5
RGB	179, 165, 181
RGB Percent	70%, 65%, 71%
CMY	0.2980, 0.3529, 0.2902
CMYK	0.01, 0.09, 0.00, 0.29
HSL	293°, 10%, 68%
HSV	293°, 9%, 71%
XYZ	40.3870, 39.8302, 49.2698
YIQ	171.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

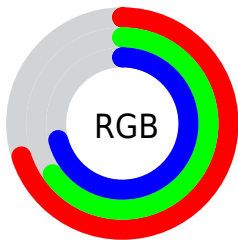
Format	Color
R_{YB}	179, 165, 181
Decimal	11773365
CIE Lab	69.35, 8.02, -6.39
CIE LCh	69, 10.255, 321.433
Yxy	39.8302, 0.3119, 0.3076
Android (android.graphics.Color)	4289963445 (0xFFB3A5B5)
YUV	171.0100, 4.9251, 7.0072
Hunter-Lab	63.1112, 3.7837, -2.1089

Details

The Yxy color **39.8302, 0.3119, 0.3076** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9740, 0.3134, 0.3511**, and the grayscale version is **40.7048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9630, 0.3121, 0.3114**, and **17.8044, 0.3114, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **33.4934, 0.3107, 0.2825**, and if you desaturate by 10%, it is **47.0987, 0.3128, 0.3318**.

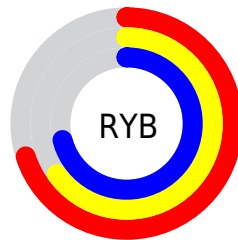
Distribution



Red (70%)

Green (65%)

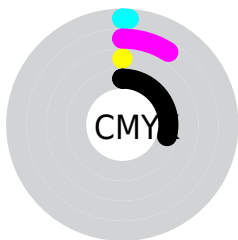
Blue (71%)



Red (70%)

Yellow (65%)

Blue (71%)

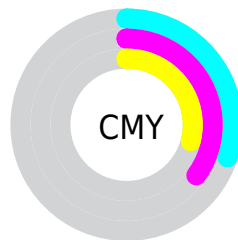


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (30%)


Magenta (35%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8302, 0.3119, 0.3076 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 39.8302, 0.3119, 0.3076 by changing the saturation by 10% instead.


 39.8302, 0.3119,
0.3076


 39.8302, 0.3119,
0.3076


345.4074, 0.3124,
0.3184

 27.4062, 0.3118,
0.3049

 74.9049, 0.3121,
0.3116

 17.8785, 0.3115,
0.3013


 98.3243, 0.3122,
0.3130

 10.8628, 0.3112,
0.2965


126.1777, 0.3122,
0.3143

 5.9747, 0.3108,
0.2898

158.8494, 0.3123,
0.3154

 2.8297, 0.3099,
0.2795

196.7238, 0.3123,
0.3163

 1.0435, 0.3081,
0.2621

240.1854, 0.3123,

 0.0000, 0.2566,

0.3171


0.0000


289.6184, 0.3124,
0.3178


 0.0000, 0.0000,
0.0000


 39.8302, 0.3119,
0.3076

 39.8302, 0.3119,
0.3076

 33.4934, 0.3107,
0.2825


 47.0987, 0.3128,
0.3318


 28.0446, 0.3092,
0.2570


 55.3302, 0.3135,
0.3545


 23.4441, 0.3073,
0.2319

 64.5607, 0.3139,
0.3757

 19.6473, 0.3050,
0.2080

 74.8229, 0.3141,
0.3952

 16.6055, 0.3025,
0.1865

 85.8303, 0.3143,
0.4125

■ 14.2646, 0.2996,
0.1682

■ 86.1214, 0.3157,
0.4122

■ 12.5634, 0.2966,
0.1539

■ 86.4169, 0.3170,
0.4118

■ 11.4301, 0.2935,
0.1439

■ 86.7170, 0.3184,
0.4115

■ 10.7374, 0.2903,
0.1377

■ 87.0215, 0.3198,
0.4111

Harmonies

Analogous

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



39.8302, 0.2974, 0.3035



39.8302, 0.3119, 0.3076



39.8302, 0.3269, 0.3170

Triad

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



39.8302, 0.3119, 0.3076



39.8302, 0.3387, 0.3520



39.8302, 0.2878, 0.3276

Complementary

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



39.8302, 0.3119, 0.3076



43.9740, 0.3134, 0.3511

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.



39.8302, 0.2984, 0.3414



39.8302, 0.3119, 0.3076



39.8302, 0.3278, 0.3556

Square

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



39.8302, 0.3119, 0.3076



39.8302, 0.3426, 0.3423



39.8302, 0.3130, 0.3518



39.8302, 0.2837, 0.3146

Rectangle

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



39.8302, 0.3119, 0.3076



39.8302, 0.3351, 0.3252



39.8302, 0.3130, 0.3518



39.8302, 0.2907, 0.3323

Sweetspot

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



39.8319, 0.3119, 0.3076



78.6678, 0.3125, 0.3217



39.0219, 0.2993, 0.3098



16.7769, 0.3124, 0.3198



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.8319, 0.3119, 0.3076



68.5315, 0.3116, 0.3018



39.8338, 0.3188, 0.3154



8.5923, 0.3118, 0.3064



7.3735, 0.2903, 0.1373



0.2469, 0.2994, 0.1423

Inverse Universe

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



39.5229, 0.3260, 0.3264



67.8469, 0.3300, 0.3256



43.9786, 0.3071, 0.3430



8.5218, 0.3268, 0.3262



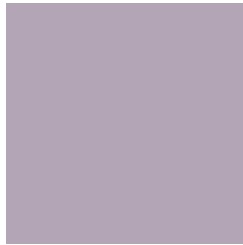
6.8191, 0.6221, 0.3201



0.2200, 0.5659, 0.2891

Previews

White Background



This preview shows how the Yxy color 39.8302, 0.3119, 0.3076 looks on a white background.

Color Contrast Check

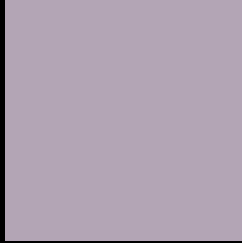
Large Text (above 18pt) WCAG AA × Fail

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 39.8302, 0.3119, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

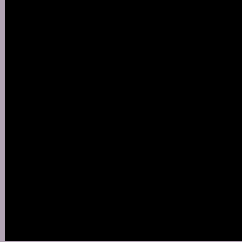
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8302, 0.3119, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 39.8302, 0.3119, 0.3076.



This preview shows how white text looks on a background with the Yxy color 39.8302, 0.3119, 0.3076.

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

39.8302, 0.3119, 0.3076

Protanopia

39.7490, 0.3003, 0.3084

Deuteranopia

39.5904, 0.3129, 0.3063



Tritanopia

39.7083, 0.3145, 0.3115

Trichromacy



Original Color

39.8302, 0.3119, 0.3076

Protanomaly

39.7855, 0.3046, 0.3086

Deuteranomaly

39.5904, 0.3129, 0.3063

Tritanomaly

39.7486, 0.3136, 0.3102

Monochromacy



Original Color

39.8302, 0.3119, 0.3076

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4698, 0.3122, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8302, 0.3119, 0.3076 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(179, 165, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 181)  
}
```

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(179, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 181) }
```

Border

The CSS property to change the border of an element to Yxy 39.8302, 0.3119, 0.3076 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(179, 165, 181) }
```

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

```
.border{ border-color:rgb(179, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8302, 0.3119, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 181) }
```

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

```
.background{ background-color: rgb(179,  
165, 181) }
```

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