

Converting Colors

$Yxy(38.9567, 0.3171, 0.3114)$

Have a look what the booklet for
Yxy(38.9567, 0.3171, 0.3114)
contains.

Yxy(39.0323, 0.3173, 0.3115)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0323, 0.3173, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	B4A3B0
RGB	180, 163, 176
RGB Percent	71%, 64%, 69%
CMY	0.2940, 0.3608, 0.3098
CMYK	0.00, 0.09, 0.02, 0.29
HSL	314°, 10%, 67%
HSV	314°, 9%, 71%
XYZ	39.7591, 39.0323, 46.5130
YIQ	169.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

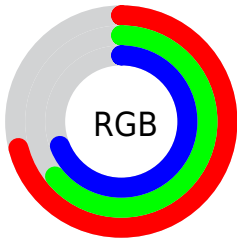
Format	Color
RYB	180, 163, 176
Decimal	11838384
CIELab	68.77, 8.53, -4.46
CIElCh	69, 9.629, 332.387
Yxy	39.0323, 0.3173, 0.3115
Android (android.graphics.Color)	4290028464 (0xFFB4A3B0)
YUV	169.5650, 3.1725, 9.1515
Hunter-Lab	62.4758, 4.2631, -0.4080

Details

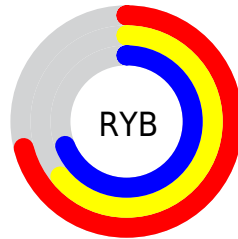
The Yxy color **39.0323, 0.3173, 0.3115** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2268, 0.3084, 0.3472**, and the grayscale version is **39.9543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8019, 0.3163, 0.3144**, and **17.3361, 0.3178, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **32.9243, 0.3229, 0.2923**, and if you desaturate by 10%, it is **46.0589, 0.3125, 0.3300**.

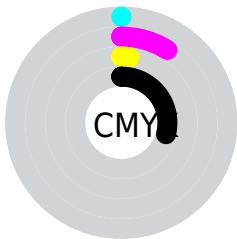
Distribution



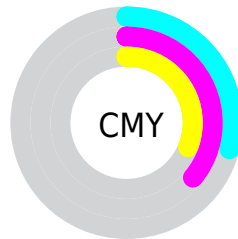
- Red (71%)
- Green (64%)
- Blue (69%)



- Red (71%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (29%)




- Cyan (29%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0323, 0.3173, 0.3115 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 39.0323, 0.3173, 0.3115 by changing the saturation by 10% instead.


 39.0323, 0.3173,
0.3115


 39.0323, 0.3173,
0.3115


342.0278, 0.3150,
0.3204

 26.7849, 0.3179,
0.3092


 73.6877, 0.3165,
0.3148

 17.4117, 0.3186,
0.3063


 96.8644, 0.3161,
0.3160

 10.5285, 0.3196,
0.3023


124.4529, 0.3159,
0.3170

 5.7507, 0.3210,
0.2966

156.8378, 0.3157,
0.3179

 2.6941, 0.3231,
0.2880

194.4033, 0.3155,
0.3186

 0.9742, 0.3267,
0.2729

237.5339, 0.3153,

 0.0000, 0.3256,

0.3193

0.0000

286.6139, 0.3151,
0.3199

0.0000, 0.0000,
0.0000

39.0323, 0.3173,
0.3115

39.0323, 0.3173,
0.3115

32.9243, 0.3229,
0.2923

46.0589, 0.3125,
0.3300

27.6916, 0.3294,
0.2728

54.0350, 0.3084,
0.3475

23.2948, 0.3367,
0.2536

62.9964, 0.3049,
0.3638

19.6896, 0.3448,
0.2355

72.9755, 0.3020,
0.3789

16.8276, 0.3536,
0.2195

84.0033, 0.2995,
0.3928

■ 14.6552, 0.3628,
0.2066

■ 85.4658, 0.2973,
0.3898

■ 13.1112, 0.3723,
0.1976

■ 85.6691, 0.2950,
0.3847

■ 12.1241, 0.3816,
0.1932

■ 85.8781, 0.2928,
0.3797

■ 11.5550, 0.3907,
0.1929

■ 86.0927, 0.2906,
0.3748

Harmonies

Analogous

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



39.0323, 0.3029, 0.3056



39.0323, 0.3173, 0.3115



39.0323, 0.3307, 0.3218

Triad

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



39.0323, 0.3173, 0.3115



39.0323, 0.3342, 0.3527



39.0323, 0.2869, 0.3229

Complementary

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



39.0323, 0.3173, 0.3115



43.2268, 0.3084, 0.3472

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.



39.0323, 0.2949, 0.3361



39.0323, 0.3173, 0.3115



39.0323, 0.3221, 0.3536

Square

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



39.0323, 0.3173, 0.3115



39.0323, 0.3405, 0.3454



39.0323, 0.3077, 0.3475



39.0323, 0.2857, 0.3118

Rectangle

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



39.0323, 0.3173, 0.3115



39.0323, 0.3371, 0.3300



39.0323, 0.3077, 0.3475



39.0323, 0.2889, 0.3273

Sweetspot

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



39.0340, 0.3173, 0.3115



78.7200, 0.3141, 0.3234



37.7021, 0.3018, 0.3053



16.7911, 0.3145, 0.3220



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.



39.0340, 0.3173, 0.3115



68.7239, 0.3182, 0.3082



38.7093, 0.3248, 0.3229



8.6117, 0.3172, 0.3118



8.0541, 0.3901, 0.1923



0.2618, 0.3672, 0.1797

Inverse Universe

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



39.0340, 0.3173, 0.3115



68.7239, 0.3182, 0.3082



43.5503, 0.3019, 0.3352



8.6117, 0.3172, 0.3118



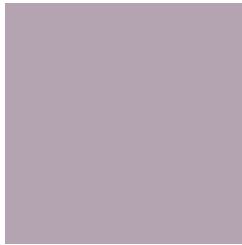
8.0541, 0.3901, 0.1923



0.2618, 0.3672, 0.1797

Previews

White Background



This preview shows how the Yxy color 39.0323, 0.3173, 0.3115 looks on a white background.

Color Contrast Check

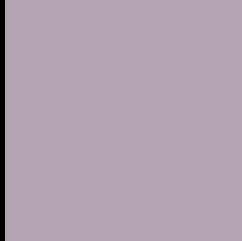
Large Text (above 18pt) WCAG AA × Fail

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 39.0323, 0.3173, 0.3115 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 39.0323, 0.3173, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 39.0323, 0.3173, 0.3115.



This preview shows how white text looks on a background with the Yxy color 39.0323, 0.3173, 0.3115.

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

39.0323, 0.3173, 0.3115

Protanopia

39.1766, 0.3044, 0.3138

Deuteranopia

39.0323, 0.3173, 0.3115



Tritanopia

39.0323, 0.3173, 0.3115

Trichromacy



Original Color

39.0323, 0.3173, 0.3115

Protanomaly

39.2174, 0.3088, 0.3139

Deuteranomaly

39.0323, 0.3173, 0.3115

Tritanomaly

39.0323, 0.3173, 0.3115

Monochromacy



Original Color

39.0323, 0.3173, 0.3115

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6147, 0.3149, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0323, 0.3173, 0.3115 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 163, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 163, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.0323, 0.3173, 0.3115 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, 176) }
```

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

```
.border{ border-color:rgb(180, 163, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 163,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0323, 0.3173, 0.3115 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, 176) }
```

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

```
.background{ background-color: rgb(180,  
163, 176) }
```

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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