

Converting Colors

$Yxy(39.0305, 0.3009, 0.3377)$

Have a look what the booklet for
Yxy(39.0305, 0.3009, 0.3377)
contains.

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Color

Yxy(39.0305, 0.3009, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	99ACA6
RGB	153, 172, 166
RGB Percent	60%, 67%, 65%
CMY	0.3998, 0.3255, 0.3491
CMYK	0.11, 0.00, 0.03, 0.33
HSL	161°, 10%, 64%
HSV	161°, 11%, 67%
XYZ	34.7773, 39.0305, 41.7697
YIQ	165.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

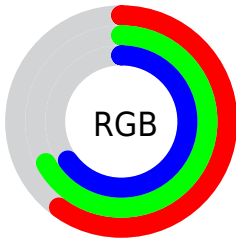
Format	Color
RYB	153, 164, 172
Decimal	10071206
CIELab	68.77, -7.78, 0.84
CIELCh	69, 7.827, 173.844
Yxy	39.0305, 0.3009, 0.3377
Android (android.graphics.Color)	4288261286 (0xFF99ACA6)
YUV	165.6350, 0.1799, -11.0809
Hunter-Lab	62.4744, -9.9657, 4.0914

Details

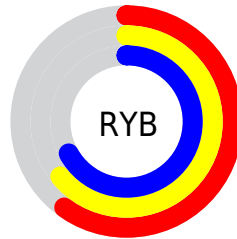
The Yxy color **39.0305, 0.3009, 0.3377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0721, 0.3261, 0.3205**, and the grayscale version is **37.9541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4240, 0.3028, 0.3356**, and **17.4726, 0.2976, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **37.2809, 0.2906, 0.3465**, and if you desaturate by 10%, it is **41.0332, 0.3116, 0.3298**.

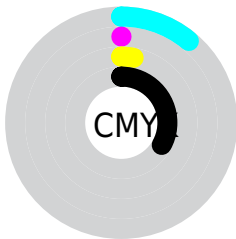
Distribution



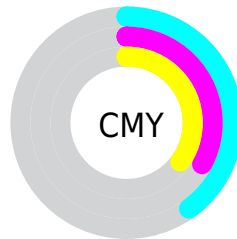
- Red (60%)
- Green (67%)
- Blue (65%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)





- Cyan (40%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0305, 0.3009, 0.3377 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 39.0305, 0.3009, 0.3377 by changing the saturation by 10% instead.


 39.0305, 0.3009,
0.3377


 39.0305, 0.3009,
0.3377


342.0201, 0.3070,
0.3332

 26.7835, 0.2993,
0.3389


 73.6849, 0.3032,
0.3360

 17.4107, 0.2972,
0.3404


 96.8611, 0.3040,
0.3354

 10.5277, 0.2944,
0.3425


124.4490, 0.3047,
0.3349

 5.7502, 0.2903,
0.3456

156.8332, 0.3053,
0.3345

 2.6938, 0.2838,
0.3504

194.3981, 0.3058,
0.3341

 0.9740, 0.2709,
0.3599

237.5279, 0.3063,

 0.0000, 0.0000,

0.3338

0.0000

286.6071, 0.3066,
0.3335

■ 39.0305, 0.3009,
0.3377

■ 39.0305, 0.3009,
0.3377

■ 37.2809, 0.2906,
0.3465

■ 41.0332, 0.3116,
0.3298

■ 35.7690, 0.2810,
0.3560

■ 43.2937, 0.3225,
0.3226

■ 34.4853, 0.2724,
0.3664

■ 45.8230, 0.3335,
0.3163

■ 33.4180, 0.2651,
0.3773

■ 48.6297, 0.3442,
0.3107

■ 32.5537, 0.2593,
0.3888

■ 51.7224, 0.3548,
0.3058

■ 31.8779, 0.2553,
0.4007

■ 54.8727, 0.3639,
0.3013

■ 31.3740, 0.2532,
0.4127

■ 55.1301, 0.3590,
0.2958

■ 31.0223, 0.2531,
0.4246

■ 55.3967, 0.3541,
0.2903

■ 30.7981, 0.2542,
0.4353

■ 55.6726, 0.3493,
0.2849

Harmonies

Analogous

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



39.0305, 0.3120, 0.3459



39.0305, 0.3009, 0.3377



39.0305, 0.2930, 0.3271

Triad

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



39.0305, 0.3009, 0.3377



39.0305, 0.3018, 0.3094



39.0305, 0.3356, 0.3401

Complementary

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



39.0305, 0.3009, 0.3377



34.0721, 0.3261, 0.3205

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.



39.0305, 0.3328, 0.3304



39.0305, 0.3009, 0.3377



39.0305, 0.3131, 0.3129

Square

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



39.0305, 0.3009, 0.3377



39.0305, 0.2935, 0.3109



39.0305, 0.3245, 0.3205



39.0305, 0.3322, 0.3471

Rectangle

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



39.0305, 0.3009, 0.3377



39.0305, 0.2906, 0.3203



39.0305, 0.3245, 0.3205



39.0305, 0.3354, 0.3370

Sweetspot

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



39.0321, 0.3009, 0.3377



73.6690, 0.3094, 0.3313



39.2121, 0.3171, 0.3566



15.9454, 0.3086, 0.3319



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.0321, 0.3009, 0.3377



70.0731, 0.2986, 0.3396



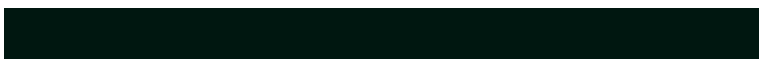
38.0699, 0.2961, 0.3244



9.0282, 0.3027, 0.3363



22.9308, 0.2539, 0.4341



0.6472, 0.2440, 0.3982

Inverse Universe

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



34.0721, 0.3261, 0.3205



59.4263, 0.3292, 0.3187



34.9165, 0.3314, 0.3336



8.0556, 0.3238, 0.3218



6.7378, 0.5661, 0.2892



0.1975, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 39.0305, 0.3009, 0.3377 looks on a white background.

Color Contrast Check

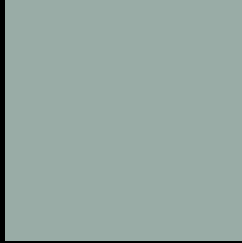
Large Text (above 18pt) WCAG AA × Fail

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 39.0305, 0.3009, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

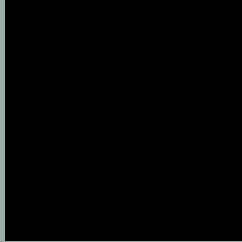
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

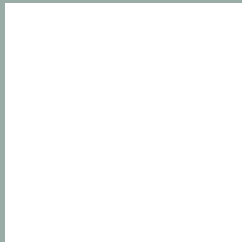
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0305, 0.3009, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 39.0305, 0.3009, 0.3377.



This preview shows how white text looks on a background with the Yxy color 39.0305, 0.3009, 0.3377.

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

39.0305, 0.3009, 0.3377

Protanopia

38.9397, 0.3199, 0.3346

Deuteranopia

38.7351, 0.3274, 0.3209



Tritanopia

38.8628, 0.2900, 0.3092

Trichromacy



Original Color

39.0305, 0.3009, 0.3377

Protanomaly

38.9488, 0.3124, 0.3361

Deuteranomaly

38.8331, 0.3174, 0.3276

Tritanomaly

38.8923, 0.2938, 0.3190

Monochromacy



Original Color

39.0305, 0.3009, 0.3377

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3355, 0.3080, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0305, 0.3009, 0.3377 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(153, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(153, 172, 166)  
}
```

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(153, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 172, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.0305, 0.3009, 0.3377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

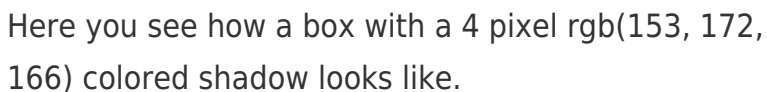
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 172, 166) }
```

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

```
.border{ border-color:rgb(153, 172, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 172, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 172, 166);  
box-shadow:4px 4px 4px 4px rgb(153, 172,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0305, 0.3009, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 172, 166) }
```

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

```
.background{ background-color: rgb(153,  
172, 166) }
```

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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