

Converting Colors

$Y_{xy}(39.8230, 0.3118, 0.3186)$

Have a look what the booklet for
Yxy(39.8230, 0.3118, 0.3186)
contains.

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Color

Yxy(39.6168, 0.3114, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	ADA7AF
RGB	173, 167, 175
RGB Percent	68%, 65%, 69%
CMY	0.3215, 0.3451, 0.3136
CMYK	0.01, 0.05, 0.00, 0.31
HSL	285°, 5%, 67%
HSV	285°, 5%, 69%
XYZ	38.7946, 39.6168, 46.1698
YIQ	169.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

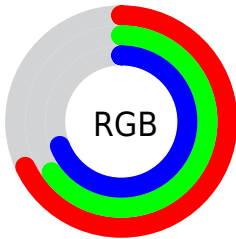
Format	Color
RYB	173, 167, 175
Decimal	11380655
CIELab	69.20, 3.67, -3.37
CIELCh	69, 4.979, 317.468
Yxy	39.6168, 0.3114, 0.3180
Android (android.graphics.Color)	4289570735 (0xFFADA7AF)
YUV	169.7060, 2.6099, 2.8888
Hunter-Lab	62.9419, -0.1289, 0.5683

Details

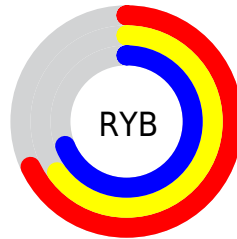
The Yxy color **39.6168, 0.3114, 0.3180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8929, 0.3140, 0.3401**, and the grayscale version is **40.0333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4497, 0.3117, 0.3205**, and **17.7565, 0.3109, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **33.1441, 0.3081, 0.2930**, and if you desaturate by 10%, it is **46.9770, 0.3141, 0.3416**.

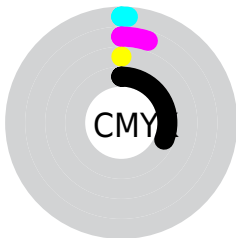
Distribution



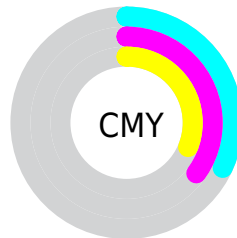
- Red (68%)
- Green (65%)
- Blue (69%)



- Red (68%)
- Yellow (65%)
- Blue (69%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (31%)




- Cyan (32%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6168, 0.3114, 0.3180 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 39.6168, 0.3114, 0.3180 by changing the saturation by 10% instead.


 39.6168, 0.3114,
0.3180

 39.6168, 0.3114,
0.3180


344.5058, 0.3121,
0.3236

 27.2399, 0.3112,
0.3166


 74.5796, 0.3117,
0.3201

 17.7535, 0.3110,
0.3147


 97.9344, 0.3118,
0.3208

 10.7731, 0.3106,
0.3121


125.7171, 0.3118,
0.3215

 5.9145, 0.3101,
0.3085

158.3124, 0.3119,
0.3220

 2.7932, 0.3093,
0.3029

196.1045, 0.3120,
0.3225

 1.0247, 0.3078,
0.2931

239.4778, 0.3120,

 0.0000, 0.0345,

0.3229

0.0000

288.8168, 0.3121,
0.3233

0.0000, 0.0000,
0.0000

39.6168, 0.3114,
0.3180

39.6168, 0.3114,
0.3180

33.1441, 0.3081,
0.2930

46.9770, 0.3141,
0.3416

27.5192, 0.3041,
0.2669

55.2525, 0.3163,
0.3634

22.7065, 0.2995,
0.2404

64.4761, 0.3181,
0.3834

18.6662, 0.2943,
0.2143

74.6774, 0.3194,
0.4017

15.3550, 0.2884,
0.1895

85.8848, 0.3204,
0.4182

■ 12.7253, 0.2821,
0.1673

■ 86.7886, 0.3231,
0.4179

■ 10.7238, 0.2755,
0.1485

■ 87.3956, 0.3259,
0.4171

■ 9.2889, 0.2688,
0.1341

■ 88.0198, 0.3287,
0.4163

■ 8.3464, 0.2622,
0.1242

■ 88.6615, 0.3316,
0.4155

Harmonies

Analogous

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



39.6168, 0.3045, 0.3165



39.6168, 0.3114, 0.3180



39.6168, 0.3188, 0.3224

Triad

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



39.6168, 0.3114, 0.3180



39.6168, 0.3258, 0.3398



39.6168, 0.3010, 0.3293

Complementary

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



39.6168, 0.3114, 0.3180



41.8929, 0.3140, 0.3401

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.



39.6168, 0.3066, 0.3358



39.6168, 0.3114, 0.3180



39.6168, 0.3209, 0.3418

Square

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



39.6168, 0.3114, 0.3180



39.6168, 0.3271, 0.3349



39.6168, 0.3139, 0.3404



39.6168, 0.2985, 0.3229

Rectangle

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



39.6168, 0.3114, 0.3180



39.6168, 0.3229, 0.3264



39.6168, 0.3139, 0.3404



39.6168, 0.3026, 0.3316

Sweetspot

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



39.6185, 0.3114, 0.3180



75.4520, 0.3124, 0.3266



39.6880, 0.3059, 0.3206



16.7858, 0.3124, 0.3267



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.6185, 0.3114, 0.3180



69.0753, 0.3109, 0.3143



39.7703, 0.3149, 0.3208



8.4534, 0.3108, 0.3133



5.7211, 0.2595, 0.1203



0.1829, 0.2791, 0.1311

Inverse Universe

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



39.6171, 0.3184, 0.3263



69.0747, 0.3204, 0.3253



41.7479, 0.3106, 0.3374



8.4534, 0.3210, 0.3251



6.6638, 0.5894, 0.3020



0.1941, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 39.6168, 0.3114, 0.3180 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 39.6168, 0.3114, 0.3180 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

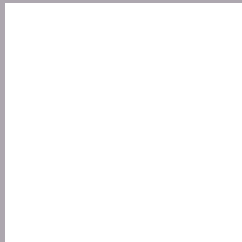
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6168, 0.3114, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 39.6168, 0.3114, 0.3180.



This preview shows how white text looks on a background with the Yxy color 39.6168, 0.3114, 0.3180.

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

39.6168, 0.3114, 0.3180

Protanopia

39.6859, 0.3078, 0.3180

Deuteranopia

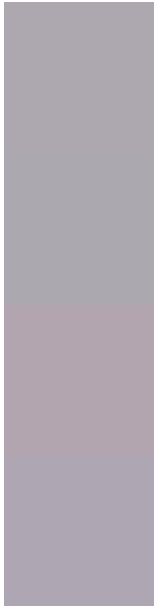
39.6306, 0.3191, 0.3130



Tritanopia

39.5258, 0.3090, 0.3113

Trichromacy



Original Color

39.6168, 0.3114, 0.3180

Protanomaly

39.7978, 0.3087, 0.3180

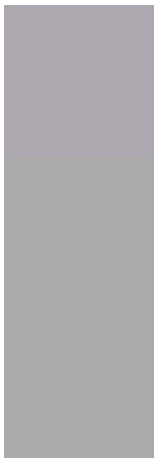
Deuteranomaly

39.6286, 0.3162, 0.3142

Tritanomaly

39.4855, 0.3098, 0.3127

Monochromacy



Original Color

39.6168, 0.3114, 0.3180

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0124, 0.3120, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6168, 0.3114, 0.3180 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(173, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 167, 175)  
}
```

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(173, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 167, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.6168, 0.3114, 0.3180 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(173, 167, 175) }
```

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

```
.border{ border-color:rgb(173, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 167,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6168, 0.3114, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 167, 175) }
```

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

```
.background{ background-color: rgb(173,  
167, 175) }
```

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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