

Converting Colors

$Yxy(39.9472, 0.3151, 0.3252)$

Have a look what the booklet for
Yxy(39.9472, 0.3151, 0.3252)
contains.

Yxy(39.8298, 0.3147, 0.3249)	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(39.8298, 0.3147, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	ADA8AB
RGB	173, 168, 171
RGB Percent	68%, 66%, 67%
CMY	0.3217, 0.3411, 0.3294
CMYK	0.00, 0.03, 0.01, 0.32
HSL	324°, 3%, 67%
HSV	324°, 3%, 68%
XYZ	38.5794, 39.8298, 44.1818
YIQ	169.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

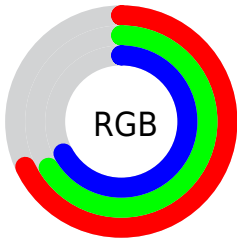
Format	Color
RYB	173, 168, 171
Decimal	11380907
CIELab	69.35, 2.33, -0.91
CIElCh	69, 2.499, 338.522
Yxy	39.8298, 0.3147, 0.3249
Android (android.graphics.Color)	4289570987 (0xFFADA8AB)
YUV	169.8370, 0.5734, 2.7740
Hunter-Lab	63.1109, -1.3278, 2.6707

Details

The Yxy color **39.8298, 0.3147, 0.3249** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0984, 0.3108, 0.3331**, and the grayscale version is **40.1074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7603, 0.3143, 0.3258**, and **17.8876, 0.3155, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **33.6089, 0.3225, 0.3100**, and if you desaturate by 10%, it is **46.9171, 0.3082, 0.3389**.

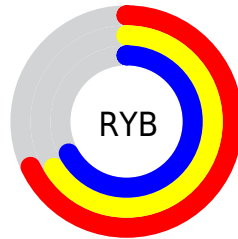
Distribution



Red (68%)

Green (66%)

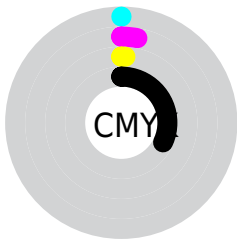
Blue (67%)



Red (68%)

Yellow (66%)

Blue (67%)

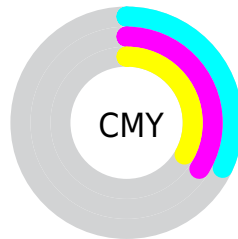


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (32%)



Cyan (32%)


Magenta (34%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8298, 0.3147, 0.3249 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 39.8298, 0.3147, 0.3249 by changing the saturation by 10% instead.


 39.8298, 0.3147,
0.3249


 39.8298, 0.3147,
0.3249


345.4057, 0.3137,
0.3270

 27.4059, 0.3150,
0.3244


 74.9043, 0.3143,
0.3257

 17.8783, 0.3153,
0.3236


 98.3236, 0.3142,
0.3260

 10.8626, 0.3158,
0.3227


126.1768, 0.3141,
0.3262

 5.9745, 0.3164,
0.3213

158.8484, 0.3140,
0.3264

 2.8296, 0.3174,
0.3192

196.7227, 0.3139,
0.3266

 1.0434, 0.3193,
0.3153

240.1840, 0.3138,

 0.0000, 0.0000,

0.3268

0.0000

289.6169, 0.3137,
0.3269

■ 39.8298, 0.3147,
0.3249

■ 39.8298, 0.3147,
0.3249

■ 33.6089, 0.3225,
0.3100

■ 46.9171, 0.3082,
0.3389

■ 28.2158, 0.3318,
0.2945

■ 54.8973, 0.3027,
0.3520

■ 23.6165, 0.3426,
0.2788

■ 63.8021, 0.2982,
0.3641

■ 19.7728, 0.3553,
0.2634

■ 73.6602, 0.2945,
0.3752

■ 16.6432, 0.3697,
0.2491

■ 84.4990, 0.2913,
0.3854

■ 14.1821, 0.3857,
0.2369

■ 85.1587, 0.2878,
0.3778

■ 12.3389, 0.4030,
0.2279

■ 85.5123, 0.2843,
0.3697

■ 11.0553, 0.4210,
0.2233

■ 85.8807, 0.2808,
0.3617

■ 10.2619, 0.4389,
0.2237

■ 86.2641, 0.2774,
0.3538

Harmonies

Analogous

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



39.8298, 0.3110, 0.3231



39.8298, 0.3147, 0.3249



39.8298, 0.3179, 0.3278

Triad

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



39.8298, 0.3147, 0.3249



39.8298, 0.3177, 0.3353



39.8298, 0.3058, 0.3269

Complementary

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



39.8298, 0.3147, 0.3249



41.0984, 0.3108, 0.3331

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.



39.8298, 0.3076, 0.3302



39.8298, 0.3147, 0.3249



39.8298, 0.3144, 0.3351

Square

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



39.8298, 0.3147, 0.3249



39.8298, 0.3197, 0.3338



39.8298, 0.3107, 0.3332



39.8298, 0.3058, 0.3242

Rectangle

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



39.8298, 0.3147, 0.3249



39.8298, 0.3193, 0.3300



39.8298, 0.3107, 0.3332



39.8298, 0.3062, 0.3280

Sweetspot

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



39.8315, 0.3147, 0.3249



73.5921, 0.3134, 0.3275



39.5636, 0.3103, 0.3222



16.0082, 0.3134, 0.3276



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.



39.8315, 0.3147, 0.3249



71.1417, 0.3148, 0.3246



39.7406, 0.3168, 0.3282



8.8950, 0.3153, 0.3236



7.2793, 0.4499, 0.2252



0.2129, 0.4015, 0.1986

Inverse Universe

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



39.8315, 0.3147, 0.3249



71.1417, 0.3148, 0.3246



41.1903, 0.3088, 0.3298



8.8950, 0.3153, 0.3236



7.2793, 0.4499, 0.2252



0.2129, 0.4015, 0.1986

Previews

White Background



This preview shows how the Yxy color 39.8298, 0.3147, 0.3249 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 39.8298, 0.3147, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

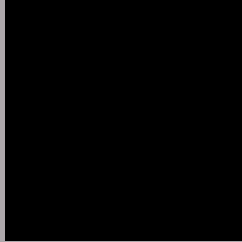
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

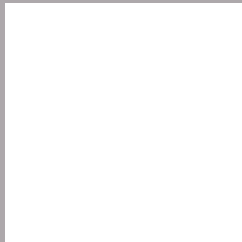
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8298, 0.3147, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 39.8298, 0.3147, 0.3249.

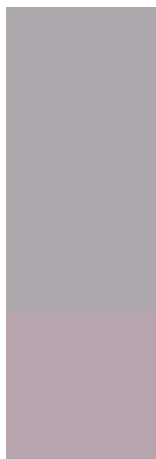


This preview shows how white text looks on a background with the Yxy color 39.8298, 0.3147, 0.3249.

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

39.8298, 0.3147, 0.3249

Protanopia

39.7162, 0.3138, 0.3249

Deuteranopia

39.7198, 0.3245, 0.3183



Tritanopia

39.9314, 0.3081, 0.3114

Trichromacy



Original Color

39.8298, 0.3147, 0.3249

Protanomaly

39.7162, 0.3138, 0.3249

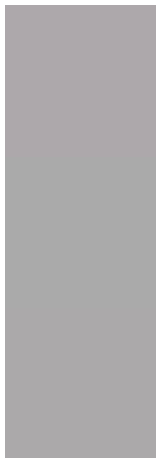
Deuteranomaly

39.5921, 0.3206, 0.3196

Tritanomaly

39.8104, 0.3106, 0.3154

Monochromacy



Original Color

39.8298, 0.3147, 0.3249

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9361, 0.3137, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8298, 0.3147, 0.3249 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, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 171)  
}
```

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, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.8298, 0.3147, 0.3249 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, 168, 171) }
```

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

```
.border{ border-color:rgb(173, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8298, 0.3147, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 168, 171) }
```

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

```
.background{ background-color: rgb(173,  
168, 171) }
```

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