

Converting Colors

$Yxy(40.0893, 0.3111, 0.3198)$

Have a look what the booklet for
Yxy(40.0893, 0.3111, 0.3198)
contains.

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Color

Yxy(39.9846, 0.3113, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	ADA8AF
RGB	173, 168, 175
RGB Percent	68%, 66%, 69%
CMY	0.3217, 0.3411, 0.3136
CMYK	0.01, 0.04, 0.00, 0.31
HSL	282°, 4%, 67%
HSV	282°, 4%, 69%
XYZ	38.9706, 39.9846, 46.2314
YIQ	170.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

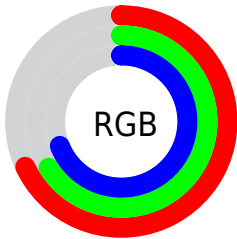
Format	Color
RYB	173, 168, 175
Decimal	11380911
CIELab	69.46, 3.10, -2.98
CIElCh	69, 4.297, 316.100
Yxy	39.9846, 0.3113, 0.3194
Android (android.graphics.Color)	4289570991 (0xFFADA8AF)
YUV	170.2930, 2.3206, 2.3740
Hunter-Lab	63.2334, -0.6493, 0.9150

Details

The Yxy color **39.9846, 0.3113, 0.3194** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0486, 0.3141, 0.3387**, and the grayscale version is **40.3396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9825, 0.3117, 0.3216**, and **17.9858, 0.3108, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **33.3801, 0.3073, 0.2944**, and if you desaturate by 10%, it is **47.4847, 0.3146, 0.3429**.

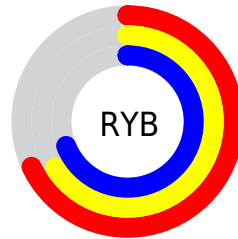
Distribution



Red (68%)

Green (66%)

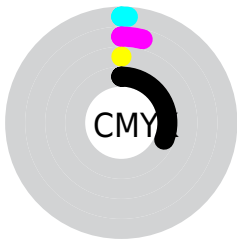
Blue (69%)



Red (68%)

Yellow (66%)

Blue (69%)

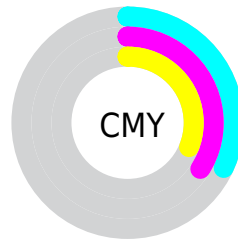


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9846, 0.3113, 0.3194 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 39.9846, 0.3113, 0.3194 by changing the saturation by 10% instead.


 39.9846, 0.3113,
0.3194

 39.9846, 0.3113,
0.3194

346.0587, 0.3120,
0.3243

 27.5265, 0.3111,
0.3181


 75.1401, 0.3116,
0.3212

 17.9691, 0.3108,
0.3165


 98.6063, 0.3117,
0.3219

 10.9278, 0.3105,
0.3143


126.5106, 0.3118,
0.3224

 6.0183, 0.3100,
0.3111

159.2375, 0.3118,
0.3229

 2.8562, 0.3091,
0.3062

197.1714, 0.3119,
0.3233

 1.0571, 0.3076,
0.2977

240.6966, 0.3120,

 0.0000, 0.1151,

0.3237

0.0000

290.1976, 0.3120,
0.3240

■ 0.0000, 0.0000,
0.0000

■ 39.9846, 0.3113,
0.3194

■ 39.9846, 0.3113,
0.3194

■ 33.3801, 0.3073,
0.2944

■ 47.4847, 0.3146,
0.3429

■ 27.6313, 0.3025,
0.2681

■ 55.9081, 0.3174,
0.3645

■ 22.7029, 0.2970,
0.2412

■ 65.2876, 0.3196,
0.3843

■ 18.5551, 0.2906,
0.2144

■ 75.6528, 0.3213,
0.4023

■ 15.1447, 0.2837,
0.1889

■ 86.6988, 0.3227,
0.4180

■ 12.4243, 0.2762,
0.1656

■ 87.4089, 0.3260,
0.4171

■ 10.3408, 0.2684,
0.1458

■ 88.1428, 0.3293,
0.4162

■ 8.8332, 0.2605,
0.1302

■ 88.9006, 0.3326,
0.4153

■ 7.8281, 0.2528,
0.1193

■ 89.6827, 0.3360,
0.4143

Harmonies

Analogous

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



39.9846, 0.3054, 0.3182



39.9846, 0.3113, 0.3194



39.9846, 0.3176, 0.3231

Triad

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



39.9846, 0.3113, 0.3194



39.9846, 0.3241, 0.3381



39.9846, 0.3028, 0.3296

Complementary

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



39.9846, 0.3113, 0.3194



42.0486, 0.3141, 0.3387

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.



39.9846, 0.3078, 0.3350



39.9846, 0.3113, 0.3194



39.9846, 0.3200, 0.3400

Square

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



39.9846, 0.3113, 0.3194



39.9846, 0.3251, 0.3339



39.9846, 0.3141, 0.3389



39.9846, 0.3005, 0.3240

Rectangle

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



39.9846, 0.3113, 0.3194



39.9846, 0.3213, 0.3265



39.9846, 0.3141, 0.3389



39.9846, 0.3042, 0.3315

Sweetspot

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



39.9863, 0.3113, 0.3194



75.4362, 0.3124, 0.3266



40.2143, 0.3068, 0.3222



16.7825, 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.



39.9863, 0.3113, 0.3194



70.2400, 0.3109, 0.3168



40.1670, 0.3144, 0.3214



8.5820, 0.3107, 0.3156



5.3081, 0.2492, 0.1146



0.1739, 0.2719, 0.1272

Inverse Universe

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



40.0304, 0.3174, 0.3262



70.3414, 0.3187, 0.3254



41.8743, 0.3111, 0.3368



8.5958, 0.3194, 0.3251



6.7087, 0.5750, 0.2941



0.1963, 0.4890, 0.2468

Previews

White Background



This preview shows how the Yxy color 39.9846, 0.3113, 0.3194 looks on a white background.

Color Contrast Check

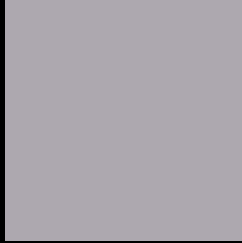
Large Text (above 18pt) WCAG AA × Fail

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 39.9846, 0.3113, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

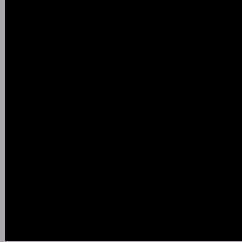
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

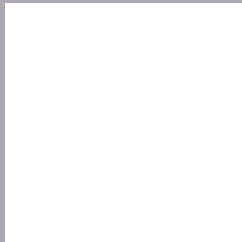
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9846, 0.3113, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 39.9846, 0.3113, 0.3194.



This preview shows how white text looks on a background with the Yxy color 39.9846, 0.3113, 0.3194.

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

39.9846, 0.3113, 0.3194

Protanopia

40.1290, 0.3095, 0.3207

Deuteranopia

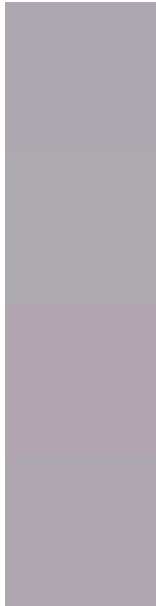
39.7528, 0.3200, 0.3130



Tritanopia

39.9314, 0.3081, 0.3114

Trichromacy



Original Color

39.9846, 0.3113, 0.3194

Protanomaly

40.2417, 0.3104, 0.3208

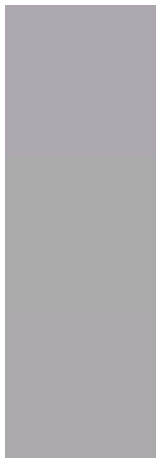
Deuteranomaly

39.6286, 0.3162, 0.3142

Tritanomaly

39.8505, 0.3098, 0.3140

Monochromacy



Original Color

39.9846, 0.3113, 0.3194

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 39.9846, 0.3113, 0.3194 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 168, 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, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 168, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.9846, 0.3113, 0.3194 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, 175) }
```

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

```
.border{ border-color:rgb(173, 168, 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, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 168,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9846, 0.3113, 0.3194 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, 175) }
```

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

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