

Converting Colors

$Yxy(39.3971, 0.3081, 0.3236)$

Have a look what the booklet for
Yxy(39.3971, 0.3081, 0.3236)
contains.

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Color

Yxy(39.5700, 0.3084, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	A7A9AC
RGB	167, 169, 172
RGB Percent	65%, 66%, 67%
CMY	0.3451, 0.3372, 0.3255
CMYK	0.03, 0.02, 0.00, 0.33
HSL	216°, 3%, 66%
HSV	216°, 3%, 67%
XYZ	37.5720, 39.5700, 44.6868
YIQ	168.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

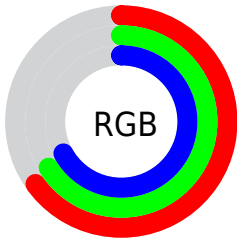
Format	Color
RYB	167, 168, 172
Decimal	10987948
CIELab	69.16, -0.12, -1.80
CIELCh	69, 1.802, 266.055
Yxy	39.5700, 0.3084, 0.3248
Android (android.graphics.Color)	4289178028 (0xFFA7A9AC)
YUV	168.7440, 1.6052, -1.5295
Hunter-Lab	62.9047, -3.4679, 1.9143

Details

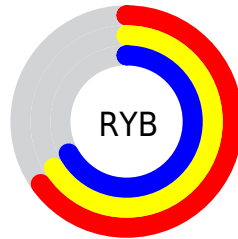
The Yxy color **39.5700, 0.3084, 0.3248** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3137, 0.3171, 0.3332**, and the grayscale version is **39.5373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3870, 0.3094, 0.3258**, and **17.7235, 0.3067, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **34.1263, 0.2929, 0.3092**, and if you desaturate by 10%, it is **45.5702, 0.3229, 0.3387**.

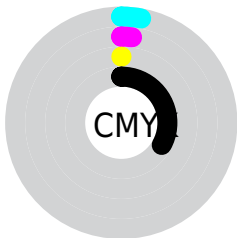
Distribution



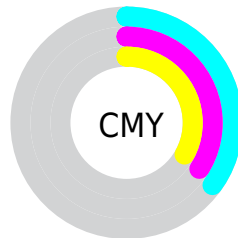
- Red (65%)
- Green (66%)
- Blue (67%)



- Red (65%)
- Yellow (66%)
- Blue (67%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5700, 0.3084, 0.3248 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 39.5700, 0.3084, 0.3248 by changing the saturation by 10% instead.

■ 39.5700, 0.3084,
0.3248

■ 39.5700, 0.3084,
0.3248

■ 344.3078, 0.3106,
0.3270

■ 27.2034, 0.3078,
0.3242

■ 74.5083, 0.3092,
0.3256

■ 17.7261, 0.3071,
0.3235

■ 97.8488, 0.3095,
0.3259

■ 10.7535, 0.3061,
0.3225

■ 125.6161, 0.3098,
0.3261

■ 5.9013, 0.3046,
0.3211

■ 158.1945, 0.3100,
0.3264

■ 2.7852, 0.3023,
0.3188

■ 195.9685, 0.3102,
0.3265

■ 1.0206, 0.2981,
0.3148

■ 239.3225, 0.3104,

■ 0.0000, 0.0000,

0.3267

0.0000

288.6408, 0.3105,
0.3268

■ 39.5700, 0.3084,
0.3248

■ 39.5700, 0.3084,
0.3248

■ 34.1263, 0.2929,
0.3092

■ 45.5702, 0.3229,
0.3387

■ 29.2173, 0.2766,
0.2918

■ 52.1379, 0.3364,
0.3509

■ 24.8271, 0.2598,
0.2726

■ 59.2901, 0.3489,
0.3616

■ 20.9370, 0.2428,
0.2519

■ 67.0413, 0.3603,
0.3710

■ 17.5270, 0.2260,
0.2298

■ 75.4058, 0.3708,
0.3792

■ 14.5757, 0.2102,
0.2069

■ 81.3974, 0.3691,
0.3888

■ 12.0596, 0.1958,
0.1839

■ 87.3552, 0.3660,
0.3984

■ 9.9527, 0.1837,
0.1615

■ 93.6603, 0.3630,
0.4076

■ 8.2251, 0.1741,
0.1406

■ 95.7586, 0.3620,
0.4105

Harmonies

Analogous

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



39.5700, 0.3076, 0.3263



39.5700, 0.3084, 0.3248



39.5700, 0.3104, 0.3245

Triad

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



39.5700, 0.3084, 0.3248



39.5700, 0.3174, 0.3296



39.5700, 0.3124, 0.3327

Complementary

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



39.5700, 0.3084, 0.3248



40.3137, 0.3171, 0.3332

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.



39.5700, 0.3150, 0.3336



39.5700, 0.3084, 0.3248



39.5700, 0.3179, 0.3318

Square

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



39.5700, 0.3084, 0.3248



39.5700, 0.3156, 0.3272



39.5700, 0.3171, 0.3332



39.5700, 0.3099, 0.3308

Rectangle

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



39.5700, 0.3084, 0.3248



39.5700, 0.3121, 0.3249



39.5700, 0.3171, 0.3332



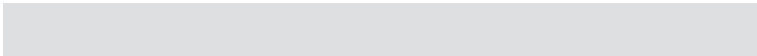
39.5700, 0.3133, 0.3331

Sweetspot

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



39.5717, 0.3084, 0.3248



73.7607, 0.3112, 0.3275



40.6242, 0.3099, 0.3318



16.0429, 0.3113, 0.3276



86.8899, 0.3127, 0.3290



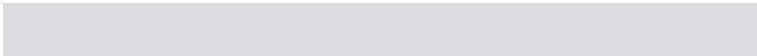
16.2647, 0.3127, 0.3290

Same Dimension

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



39.5717, 0.3084, 0.3248



71.6307, 0.3082, 0.3246



38.8906, 0.3089, 0.3220



8.9695, 0.3072, 0.3236



5.4533, 0.1691, 0.1288



0.2605, 0.1866, 0.1917

Inverse Universe

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



39.2764, 0.3156, 0.3263



71.0682, 0.3158, 0.3261



41.0099, 0.3164, 0.3359



8.8837, 0.3165, 0.3255



6.8536, 0.5343, 0.2717



0.2016, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 39.5700, 0.3084, 0.3248 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 39.5700, 0.3084, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

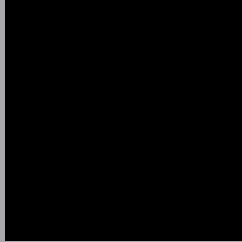
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

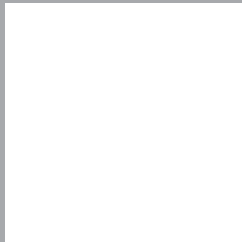
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5700, 0.3084, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 39.5700, 0.3084, 0.3248.



This preview shows how white text looks on a background with the Yxy color 39.5700, 0.3084, 0.3248.

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

39.5700, 0.3084, 0.3248

Protanopia

39.6035, 0.3129, 0.3249

Deuteranopia

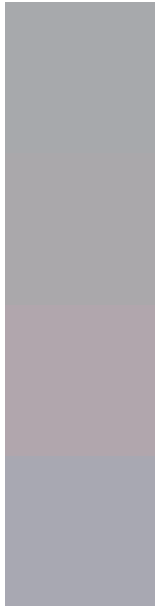
39.6353, 0.3227, 0.3170



Tritanopia

39.6663, 0.3019, 0.3111

Trichromacy



Original Color

39.5700, 0.3084, 0.3248

Protanomaly

39.4916, 0.3120, 0.3248

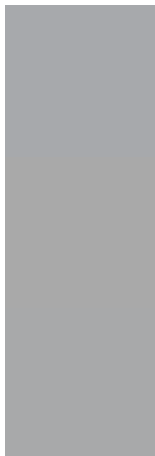
Deuteranomaly

39.6367, 0.3169, 0.3195

Tritanomaly

39.5444, 0.3043, 0.3152

Monochromacy



Original Color

39.5700, 0.3084, 0.3248

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6030, 0.3110, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5700, 0.3084, 0.3248 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(167, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 172)  
}
```

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(167, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 172) }
```

Border

The CSS property to change the border of an element to Yxy 39.5700, 0.3084, 0.3248 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(167, 169, 172) }
```

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

```
.border{ border-color:rgb(167, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(167, 169,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5700, 0.3084, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 172) }
```

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

```
.background{ background-color: rgb(167,  
169, 172) }
```

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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