

Converting Colors

$Y_{xy}(39.6752, 0.2991, 0.3217)$

Have a look what the booklet for
Yxy(39.6752, 0.2991, 0.3217)
contains.

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Color

Yxy(39.7340, 0.2989, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	A0ABB0
RGB	160, 171, 176
RGB Percent	63%, 67%, 69%
CMY	0.3726, 0.3294, 0.3097
CMYK	0.09, 0.03, 0.00, 0.31
HSL	199°, 9%, 66%
HSV	199°, 9%, 69%
XYZ	36.8950, 39.7340, 46.8069
YIQ	168.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

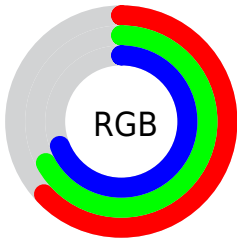
Format	Color
RYB	160, 167, 176
Decimal	10529712
CIELab	69.28, -2.85, -3.91
CIElCh	69, 4.837, 233.926
Yxy	39.7340, 0.2989, 0.3219
Android (android.graphics.Color)	4288719792 (0xFFA0ABB0)
YUV	168.2810, 3.8055, -7.2624
Hunter-Lab	63.0349, -5.8332, 0.0984

Details

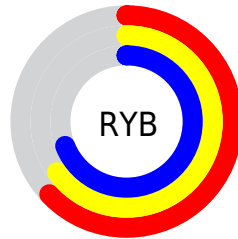
The Yxy color **39.7340, 0.2989, 0.3219** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6765, 0.3276, 0.3360**, and the grayscale version is **39.2870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6660, 0.3014, 0.3225**, and **17.8370, 0.2937, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **36.0140, 0.2837, 0.3133**, and if you desaturate by 10%, it is **43.8006, 0.3141, 0.3297**.

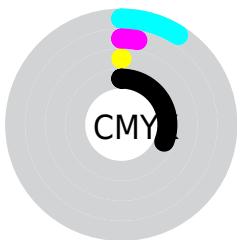
Distribution



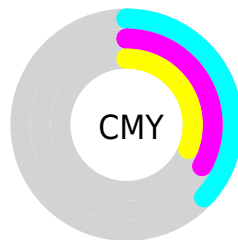
- Red (63%)
- Green (67%)
- Blue (69%)



- Red (63%)
- Yellow (65%)
- Blue (69%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)





- Cyan (37%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7340, 0.2989, 0.3219 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 39.7340, 0.2989, 0.3219 by changing the saturation by 10% instead.


 39.7340, 0.2989,
0.3219


 39.7340, 0.2989,
0.3219


345.0011, 0.3060,
0.3256

 27.3312, 0.2971,
0.3209


 74.7583, 0.3015,
0.3233

 17.8221, 0.2947,
0.3197


 98.1486, 0.3025,
0.3238

 10.8224, 0.2915,
0.3179


125.9701, 0.3033,
0.3242

 5.9475, 0.2869,
0.3154

158.6074, 0.3040,
0.3246

 2.8132, 0.2797,
0.3115

196.4447, 0.3046,
0.3249

 1.0350, 0.2671,
0.3043

239.8665, 0.3051,

 0.0000, 0.0000,

0.3251

0.0000

289.2572, 0.3056,
0.3254

■ 39.7340, 0.2989,
0.3219

■ 39.7340, 0.2989,
0.3219

■ 36.0140, 0.2837,
0.3133

■ 43.8006, 0.3141,
0.3297

■ 32.6239, 0.2687,
0.3040

■ 48.2198, 0.3289,
0.3366

■ 29.5527, 0.2542,
0.2939

■ 53.0040, 0.3434,
0.3428

■ 26.7869, 0.2406,
0.2832

■ 58.1632, 0.3573,
0.3483

■ 24.3119, 0.2282,
0.2719

■ 63.7070, 0.3706,
0.3531

■ 22.1116, 0.2174,
0.2603

■ 67.5801, 0.3746,
0.3582

■ 20.1678, 0.2084,
0.2485

■ 70.2403, 0.3729,
0.3638

■ 18.4593, 0.2014,
0.2367

■ 72.9936, 0.3712,
0.3693

■ 16.9472, 0.1960,
0.2251

■ 75.8411, 0.3695,
0.3747

Harmonies

Analogous

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



39.7340, 0.3006, 0.3279



39.7340, 0.2989, 0.3219



39.7340, 0.3009, 0.3179

Triad

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



39.7340, 0.2989, 0.3219



39.7340, 0.3200, 0.3238



39.7340, 0.3193, 0.3414

Complementary

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



39.7340, 0.2989, 0.3219



38.6765, 0.3276, 0.3360

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.



39.7340, 0.3247, 0.3401



39.7340, 0.2989, 0.3219



39.7340, 0.3250, 0.3299

Square

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



39.7340, 0.2989, 0.3219



39.7340, 0.3130, 0.3190



39.7340, 0.3267, 0.3359



39.7340, 0.3123, 0.3393

Rectangle

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



39.7340, 0.2989, 0.3219



39.7340, 0.3040, 0.3169



39.7340, 0.3267, 0.3359



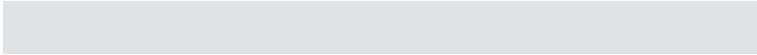
39.7340, 0.3214, 0.3414

Sweetspot

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



39.7357, 0.2989, 0.3219



76.4414, 0.3081, 0.3267



41.2378, 0.3078, 0.3449



16.4383, 0.3069, 0.3261



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.



39.7357, 0.2989, 0.3219



70.5962, 0.2957, 0.3202



36.8687, 0.2989, 0.3107



9.1747, 0.2986, 0.3217



12.4449, 0.1959, 0.2253



0.4900, 0.2049, 0.2576

Inverse Universe

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



37.3081, 0.3182, 0.3138



65.3007, 0.3196, 0.3103



41.5835, 0.3264, 0.3467



8.6006, 0.3184, 0.3135



7.7965, 0.4176, 0.2074



0.2552, 0.3847, 0.1893

Previews

White Background



This preview shows how the Yxy color 39.7340, 0.2989, 0.3219 looks on a white background.

Color Contrast Check

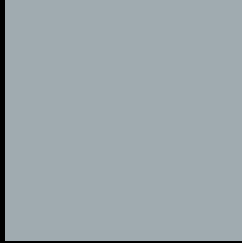
Large Text (above 18pt) WCAG AA × Fail

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 39.7340, 0.2989, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

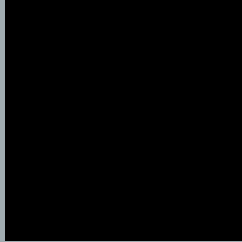
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

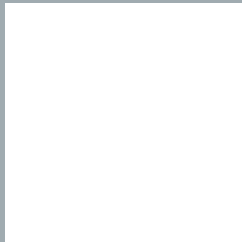
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7340, 0.2989, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 39.7340, 0.2989, 0.3219.



This preview shows how white text looks on a background with the Yxy color 39.7340, 0.2989, 0.3219.

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

39.7340, 0.2989, 0.3219

Protanopia

39.6073, 0.3095, 0.3207

Deuteranopia

39.5490, 0.3173, 0.3116



Tritanopia

39.7454, 0.2942, 0.3109

Trichromacy



Original Color

39.7340, 0.2989, 0.3219

Protanomaly

39.5781, 0.3050, 0.3206

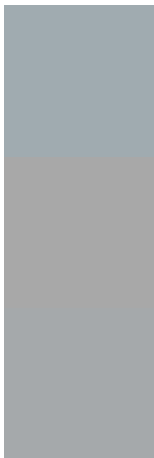
Deuteranomaly

39.6960, 0.3097, 0.3153

Tritanomaly

39.6218, 0.2966, 0.3150

Monochromacy



Original Color

39.7340, 0.2989, 0.3219

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3155, 0.3074, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7340, 0.2989, 0.3219 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(160, 171, 176)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 176)  
}
```

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(160, 171, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.7340, 0.2989, 0.3219 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(160, 171, 176) }
```

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

```
.border{ border-color:rgb(160, 171, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7340, 0.2989, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 176) }
```

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

```
.background{ background-color: rgb(160,  
171, 176) }
```

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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