

Converting Colors

$Y_{xy}(39.3500, 0.2842, 0.2882)$

Have a look what the booklet for
Yxy(39.3500, 0.2842, 0.2882)
contains.

Yxy(39.3500, 0.2842, 0.2882)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.3500, 0.2842, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	A2A7C5
RGB	162, 167, 197
RGB Percent	64%, 65%, 77%
CMY	0.3646, 0.3451, 0.2274
CMYK	0.18, 0.15, 0.00, 0.23
HSL	232°, 23%, 70%
HSV	232°, 18%, 77%
XYZ	38.8039, 39.3500, 58.3833
YIQ	168.9250, -12.6100, 8.2700

Conversions

Conversions Part 2

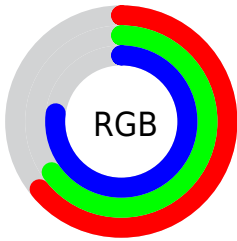
Format	Color
R_{YB}	162, 166, 197
Decimal	10659781
CIE _{Lab}	69.00, 4.52, -15.92
CIE _{LCh}	69, 16.554, 285.863
Yxy	39.3500, 0.2842, 0.2882
Android (android.graphics.Color)	4288849861 (0xFFA2A7C5)
YUV	168.9250, 13.8410, -6.0732
Hunter-Lab	62.7296, 0.6414, -11.2713

Details

The Yxy color **39.3500, 0.2842, 0.2882** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.2097, 0.3401, 0.3668**, and the grayscale version is **39.5757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1500, 0.2893, 0.2954**, and **17.5596, 0.2758, 0.2764** is the 20% darker color. If you saturate the color by 10%, you get **31.6508, 0.2660, 0.2613**, and if you desaturate by 10%, it is **48.1860, 0.3009, 0.3123**.

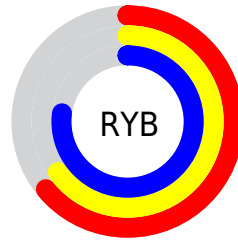
Distribution



Red (64%)

Green (65%)

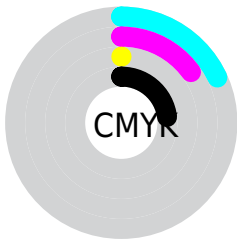
Blue (77%)



Red (64%)

Yellow (65%)

Blue (77%)

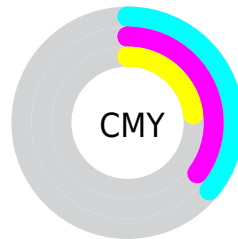


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (36%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3500, 0.2842, 0.2882 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 39.3500, 0.2842, 0.2882 by changing the saturation by 10% instead.

■ 39.3500, 0.2842,
0.2882

■ 39.3500, 0.2842,
0.2882

■ 343.3763, 0.2988,
0.3088

■ 27.0321, 0.2804,
0.2830

■ 74.1727, 0.2896,
0.2957

■ 17.5973, 0.2755,
0.2763

■ 97.4463, 0.2916,
0.2986

■ 10.6613, 0.2689,
0.2673

■ 125.1406, 0.2933,
0.3009

■ 5.8396, 0.2595,
0.2548

■ 157.6400, 0.2947,
0.3030

■ 2.7478, 0.2451,
0.2360

■ 195.3288, 0.2960,
0.3047

■ 1.0015, 0.2207,
0.2053

■ 238.5916, 0.2970,

■ 0.0000, 0.0057,

0.3063

0.0000

287.8126, 0.2980,
0.3076

0.0000, 0.0000,
0.0000

39.3500, 0.2842,
0.2882

39.3500, 0.2842,
0.2882

31.6508, 0.2660,
0.2613

48.1860, 0.3009,
0.3123

25.0373, 0.2466,
0.2320

58.1974, 0.3159,
0.3335

19.4618, 0.2266,
0.2010

69.4272, 0.3294,
0.3521

14.8709, 0.2069,
0.1694

81.9144, 0.3412,
0.3682

11.2066, 0.1887,
0.1390

94.6295, 0.3479,
0.3828

■ 8.4046, 0.1733,
0.1118

■ 96.8120, 0.3472,
0.3860

■ 6.3920, 0.1617,
0.0895

■ 5.0775, 0.1543,
0.0736

■ 4.8580, 0.1530,
0.0708

Harmonies

Analogous

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



39.3500, 0.2699, 0.2935



39.3500, 0.2842, 0.2882



39.3500, 0.3065, 0.2930

Triad

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



39.3500, 0.2842, 0.2882



39.3500, 0.3612, 0.3463



39.3500, 0.2934, 0.3531

Complementary

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



39.3500, 0.2842, 0.2882



52.2097, 0.3401, 0.3668

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.



39.3500, 0.3174, 0.3687



39.3500, 0.2842, 0.2882



39.3500, 0.3571, 0.3635

Square

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



39.3500, 0.2842, 0.2882



39.3500, 0.3516, 0.3256



39.3500, 0.3408, 0.3722



39.3500, 0.2750, 0.3306

Rectangle

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



39.3500, 0.2842, 0.2882



39.3500, 0.3232, 0.3012



39.3500, 0.3408, 0.3722



39.3500, 0.3011, 0.3594

Sweetspot

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



39.3516, 0.2842, 0.2882



90.8765, 0.3051, 0.3182



51.4213, 0.2898, 0.3358



19.1863, 0.3040, 0.3167



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



39.3516, 0.2842, 0.2882



65.3177, 0.2779, 0.2789



38.9167, 0.2944, 0.2827



10.5258, 0.2983, 0.3085



3.2688, 0.1534, 0.0723



0.2353, 0.1621, 0.1034

Inverse Universe

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



40.5162, 0.3419, 0.3227



67.8486, 0.3493, 0.3213



52.8366, 0.3289, 0.3741



10.6610, 0.3268, 0.3258



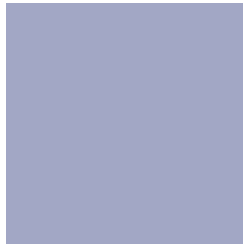
7.8700, 0.6195, 0.3186



0.3808, 0.5707, 0.2918

Previews

White Background



This preview shows how the Yxy color 39.3500, 0.2842, 0.2882 looks on a white background.

Color Contrast Check

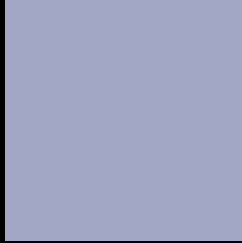
Large Text (above 18pt) WCAG AA × Fail

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 39.3500, 0.2842, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

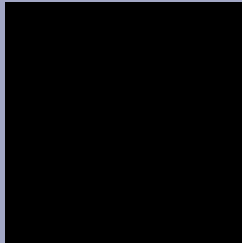
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

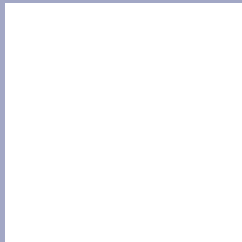
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3500, 0.2842, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 39.3500, 0.2842, 0.2882.



This preview shows how white text looks on a background with the Yxy color 39.3500, 0.2842, 0.2882.

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

39.3500, 0.2842, 0.2882

Protanopia

39.4552, 0.2850, 0.2883

Deuteranopia

39.1742, 0.2900, 0.2837



Tritanopia

39.1658, 0.2925, 0.3093

Trichromacy



Original Color

39.3500, 0.2842, 0.2882

Protanomaly

39.4552, 0.2850, 0.2883

Deuteranomaly

39.2030, 0.2875, 0.2847

Tritanomaly

39.1097, 0.2894, 0.3012

Monochromacy



Original Color

39.3500, 0.2842, 0.2882

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3669, 0.3018, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3500, 0.2842, 0.2882 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(162, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 197)  
}
```

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(162, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.3500, 0.2842, 0.2882 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(162, 167, 197) }
```

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

```
.border{ border-color:rgb(162, 167, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 167, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3500, 0.2842, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 197) }
```

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

```
.background{ background-color: rgb(162,  
167, 197) }
```

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