

Converting Colors

$Y_{xy}(39.3444, 0.2836, 0.2809)$

Have a look what the booklet for
Yxy(39.3444, 0.2836, 0.2809)
contains.

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Color

Yxy(39.1266, 0.2835, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	A5A5C9
RGB	165, 165, 201
RGB Percent	65%, 65%, 79%
CMY	0.3529, 0.3529, 0.2116
CMYK	0.18, 0.18, 0.00, 0.21
HSL	240°, 25%, 72%
HSV	240°, 18%, 79%
XYZ	39.5169, 39.1266, 60.7459
YIQ	169.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

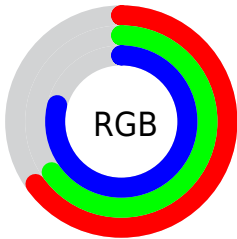
Format	Color
RYB	165, 165, 201
Decimal	10855881
CIELab	68.84, 7.48, -18.36
CIELCh	69, 19.828, 292.156
Yxy	39.1266, 0.2835, 0.2807
Android (android.graphics.Color)	4289045961 (0xFFA5A5C9)
YUV	169.1040, 15.7247, -3.5992
Hunter-Lab	62.5513, 3.3030, -13.7929

Details

The Yxy color **39.1266, 0.2835, 0.2807** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.9243, 0.3394, 0.3731**, and the grayscale version is **39.6564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6220, 0.2906, 0.2924**, and **17.4275, 0.2748, 0.2664** is the 20% darker color. If you saturate the color by 10%, you get **30.4488, 0.2644, 0.2491**, and if you desaturate by 10%, it is **49.2861, 0.3006, 0.3090**.

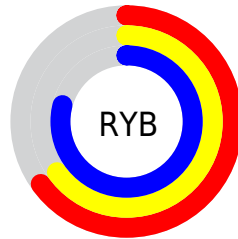
Distribution



Red (65%)

Green (65%)

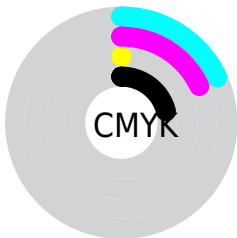
Blue (79%)



Red (65%)

Yellow (65%)

Blue (79%)

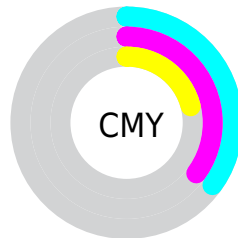


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1266, 0.2835, 0.2807 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 39.1266, 0.2835, 0.2807 by changing the saturation by 10% instead.

■ 39.1266, 0.2835,
0.2807

■ 39.1266, 0.2835,
0.2807

■ 342.4284, 0.2986,
0.3049

■ 26.8582, 0.2796,
0.2746

■ 73.8317, 0.2891,
0.2895

■ 17.4668, 0.2746,
0.2669

■ 97.0372, 0.2911,
0.2928

■ 10.5678, 0.2677,
0.2565

■ 124.6572, 0.2929,
0.2956

■ 5.7771, 0.2580,
0.2422

■ 157.0761, 0.2943,
0.2980

■ 2.7100, 0.2431,
0.2211

■ 194.6782, 0.2956,
0.3001

■ 0.9823, 0.2180,
0.1873

■ 237.8481, 0.2967,

■ 0.0000, 0.0500,

0.3019

0.0000

286.9700, 0.2977,
0.3035

0.0000, 0.0000,
0.0000

39.1266, 0.2835,
0.2807

39.1266, 0.2835,
0.2807

30.4488, 0.2644,
0.2491

49.2861, 0.3006,
0.3090

23.1790, 0.2437,
0.2150

60.9867, 0.3157,
0.3339

17.2445, 0.2223,
0.1795

74.2908, 0.3287,
0.3555

12.5640, 0.2012,
0.1447

89.2556, 0.3400,
0.3741

9.0475, 0.1822,
0.1133

96.9985, 0.3448,
0.3820

■ 6.5932, 0.1669,
0.0879

■ 5.0814, 0.1564,
0.0706

■ 4.3364, 0.1509,
0.0615

■ 4.2189, 0.1500,
0.0600

Harmonies

Analogous

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



39.1266, 0.2642, 0.2842



39.1266, 0.2835, 0.2807



39.1266, 0.3114, 0.2889

Triad

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



39.1266, 0.2835, 0.2807



39.1266, 0.3713, 0.3541



39.1266, 0.2841, 0.3527

Complementary

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



39.1266, 0.2835, 0.2807



56.9243, 0.3394, 0.3731

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.



39.1266, 0.3119, 0.3742



39.1266, 0.2835, 0.2807



39.1266, 0.3628, 0.3734

Square

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



39.1266, 0.2835, 0.2807



39.1266, 0.3632, 0.3299



39.1266, 0.3408, 0.3815



39.1266, 0.2645, 0.3248

Rectangle

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



39.1266, 0.2835, 0.2807



39.1266, 0.3314, 0.2998



39.1266, 0.3408, 0.3815



39.1266, 0.2928, 0.3611

Sweetspot

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



39.1282, 0.2835, 0.2807



89.7954, 0.3051, 0.3165



53.9768, 0.2864, 0.3297



18.9248, 0.3040, 0.3146



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.



39.1282, 0.2835, 0.2807



60.1515, 0.2754, 0.2672



41.1235, 0.2983, 0.2827



10.2876, 0.2983, 0.3051



2.6518, 0.1500, 0.0600



0.1256, 0.1500, 0.0600

Inverse Universe

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



42.0479, 0.3471, 0.3291



66.1799, 0.3578, 0.3291



54.6468, 0.3252, 0.3752



10.6370, 0.3290, 0.3290



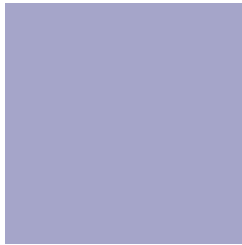
7.8077, 0.6401, 0.3300



0.3697, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 39.1266, 0.2835, 0.2807 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 39.1266, 0.2835, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

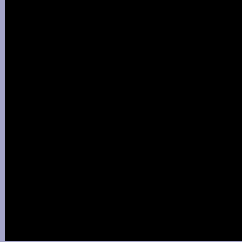
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1266, 0.2835, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 39.1266, 0.2835, 0.2807.



This preview shows how white text looks on a background with the Yxy color 39.1266, 0.2835, 0.2807.

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

39.1266, 0.2835, 0.2807

Protanopia

39.0103, 0.2788, 0.2803

Deuteranopia

39.0928, 0.2860, 0.2797



Tritanopia

39.0640, 0.2958, 0.3094

Trichromacy



Original Color

39.1266, 0.2835, 0.2807

Protanomaly

39.2181, 0.2804, 0.2805

Deuteranomaly

38.9835, 0.2851, 0.2796

Tritanomaly

39.0981, 0.2912, 0.2987

Monochromacy



Original Color

39.1266, 0.2835, 0.2807

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6663, 0.3019, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1266, 0.2835, 0.2807 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(165, 165, 201)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 201)  
}
```

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(165, 165, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 201) }
```

Border

The CSS property to change the border of an element to Yxy 39.1266, 0.2835, 0.2807 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(165, 165, 201) }
```

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

```
.border{ border-color:rgb(165, 165, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 201);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1266, 0.2835, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 201) }
```

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

```
.background{ background-color: rgb(165,  
165, 201) }
```

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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