

Converting Colors

$Y_{xy}(39.1133, 0.2832, 0.2856)$

Have a look what the booklet for
Yxy(39.1133, 0.2832, 0.2856)
contains.

Yxy(39.0310, 0.2834, 0.2856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.0310, 0.2834, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	A2A6C6
RGB	162, 166, 198
RGB Percent	64%, 65%, 78%
CMY	0.3646, 0.3490, 0.2236
CMYK	0.18, 0.16, 0.00, 0.22
HSL	233°, 24%, 71%
HSV	233°, 18%, 78%
XYZ	38.7303, 39.0310, 58.9018
YIQ	168.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

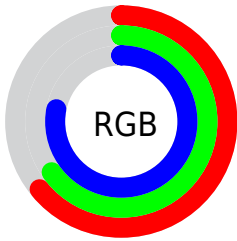
Format	Color
R _Y B	162, 166, 198
Decimal	10659526
CIE Lab	68.77, 5.28, -16.80
CIE LCh	69, 17.612, 287.457
Yxy	39.0310, 0.2834, 0.2856
Android (android.graphics.Color)	4288849606 (0xFFA2A6C6)
YUV	168.4520, 14.5672, -5.6584
Hunter-Lab	62.4748, 1.3276, -12.1668

Details

The Yxy color **39.0310, 0.2834, 0.2856** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.1939, 0.3406, 0.3690**, and the grayscale version is **39.3251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6846, 0.2887, 0.2933**, and **17.3632, 0.2746, 0.2727** is the 20% darker color. If you saturate the color by 10%, you get **31.1502, 0.2649, 0.2576**, and if you desaturate by 10%, it is **48.1178, 0.3003, 0.3107**.

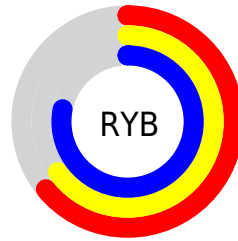
Distribution



Red (64%)

Green (65%)

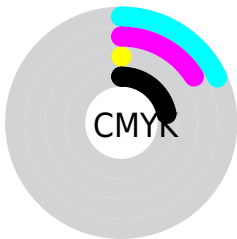
Blue (78%)



Red (64%)

Yellow (65%)

Blue (78%)

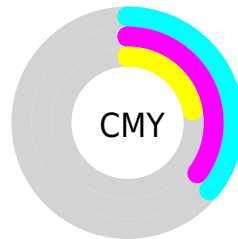


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0310, 0.2834, 0.2856 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 39.0310, 0.2834, 0.2856 by changing the saturation by 10% instead.

■ 39.0310, 0.2834,
0.2856

■ 39.0310, 0.2834,
0.2856

■ 342.0223, 0.2985,
0.3075

■ 26.7838, 0.2795,
0.2801

■ 73.6857, 0.2890,
0.2936

■ 17.4109, 0.2745,
0.2730

■ 96.8620, 0.2910,
0.2966

■ 10.5279, 0.2676,
0.2635

■ 124.4501, 0.2928,
0.2991

■ 5.7504, 0.2579,
0.2502

■ 156.8345, 0.2942,
0.3013

■ 2.6939, 0.2430,
0.2305

■ 194.3995, 0.2955,
0.3032

■ 0.9741, 0.2178,
0.1983

■ 237.5296, 0.2966,

■ 0.0000, 0.0000,

0.3048

0.0000

286.6090, 0.2976,
0.3062

■ 39.0310, 0.2834,
0.2856

■ 39.0310, 0.2834,
0.2856

■ 31.1502, 0.2649,
0.2576

■ 48.1178, 0.3003,
0.3107

■ 24.4201, 0.2452,
0.2271

■ 58.4534, 0.3154,
0.3329

■ 18.7879, 0.2249,
0.1950

■ 70.0844, 0.3288,
0.3522

■ 14.1951, 0.2049,
0.1626

■ 83.0537, 0.3405,
0.3689

■ 10.5775, 0.1866,
0.1319

■ 96.2439, 0.3468,
0.3842

■ 7.8639, 0.1712,
0.1049

■ 96.8560, 0.3466,
0.3850

■ 5.9729, 0.1599,
0.0837

■ 4.8008, 0.1531,
0.0694

■ 4.6459, 0.1521,
0.0675

Harmonies

Analogous

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



39.0310, 0.2676, 0.2906



39.0310, 0.2834, 0.2856



39.0310, 0.3075, 0.2913

Triad

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



39.0310, 0.2834, 0.2856



39.0310, 0.3646, 0.3484



39.0310, 0.2908, 0.3536

Complementary

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



39.0310, 0.2834, 0.2856



53.1939, 0.3406, 0.3690

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.



39.0310, 0.3162, 0.3708



39.0310, 0.2834, 0.2856



39.0310, 0.3594, 0.3665

Square

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



39.0310, 0.2834, 0.2856



39.0310, 0.3551, 0.3265



39.0310, 0.3414, 0.3753



39.0310, 0.2718, 0.3293

Rectangle

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



39.0310, 0.2834, 0.2856



39.0310, 0.3253, 0.3003



39.0310, 0.3414, 0.3753



39.0310, 0.2989, 0.3605

Sweetspot

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



39.0326, 0.2834, 0.2856



90.6386, 0.3051, 0.3179



51.9451, 0.2885, 0.3344



19.1287, 0.3040, 0.3162



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.



39.0326, 0.2834, 0.2856



63.0615, 0.2759, 0.2743



39.1326, 0.2950, 0.2817



10.4732, 0.2983, 0.3078



3.0858, 0.1524, 0.0687



0.2113, 0.1596, 0.0945

Inverse Universe

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



40.6046, 0.3438, 0.3240



66.4737, 0.3528, 0.3227



53.1997, 0.3283, 0.3753



10.6557, 0.3272, 0.3265



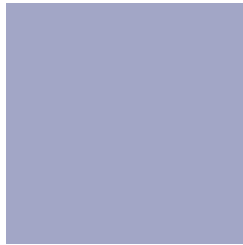
7.8515, 0.6254, 0.3219



0.3783, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 39.0310, 0.2834, 0.2856 looks on a white background.

Color Contrast Check

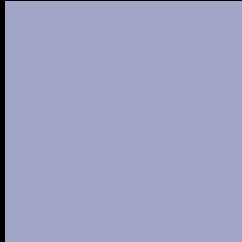
Large Text (above 18pt) WCAG AA × Fail

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 39.0310, 0.2834, 0.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

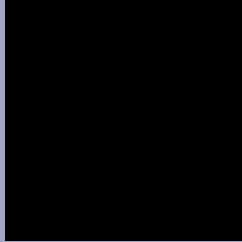
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

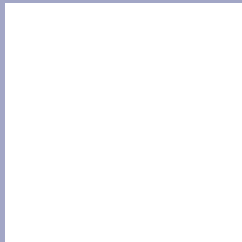
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0310, 0.2834, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 39.0310, 0.2834, 0.2856.



This preview shows how white text looks on a background with the Yxy color 39.0310, 0.2834, 0.2856.

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

39.0310, 0.2834, 0.2856

Protanopia

38.9267, 0.2825, 0.2855

Deuteranopia

39.0632, 0.2891, 0.2836



Tritanopia

39.1243, 0.2933, 0.3107

Trichromacy



Original Color

39.0310, 0.2834, 0.2856

Protanomaly

38.9267, 0.2825, 0.2855

Deuteranomaly

39.0945, 0.2866, 0.2846

Tritanomaly

39.1097, 0.2894, 0.3012

Monochromacy



Original Color

39.0310, 0.2834, 0.2856

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9991, 0.3018, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0310, 0.2834, 0.2856 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, 166, 198)` looks like.

```
.text, #text, p{  
    color:rgb(162, 166, 198)  
}
```

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, 166, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 166, 198) }
```

Border

The CSS property to change the border of an element to Yxy 39.0310, 0.2834, 0.2856 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, 166, 198) }
```

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

```
.border{ border-color:rgb(162, 166, 198) }
```

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

Here you see how a box with a 4 pixel rgb(162, 166, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 166, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 166, 198);  
box-shadow:4px 4px 4px 4px rgb(162, 166,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0310, 0.2834, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 166, 198) }
```

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

```
.background{ background-color: rgb(162,  
166, 198) }
```

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