

Converting Colors

$Yxy(39.0917, 0.2817, 0.2872)$

Have a look what the booklet for
Yxy(39.0917, 0.2817, 0.2872)
contains.

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Color

Yxy(39.0856, 0.2810, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	9FA7C6
RGB	159, 167, 198
RGB Percent	62%, 65%, 78%
CMY	0.3764, 0.3451, 0.2236
CMYK	0.20, 0.16, 0.00, 0.22
HSL	228°, 25%, 70%
HSV	228°, 20%, 78%
XYZ	38.3085, 39.0856, 58.9351
YIQ	168.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

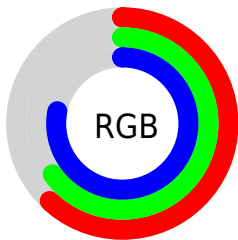
Format	Color
R_{YB}	159, 166, 198
Decimal	10463174
CIE _{Lab}	68.81, 3.76, -16.76
CIE _{LCh}	69, 17.180, 282.650
Yxy	39.0856, 0.2810, 0.2867
Android (android.graphics.Color)	4288653254 (0xFF9FA7C6)
YUV	168.1420, 14.7200, -8.0175
Hunter-Lab	62.5185, -0.0305, -12.1288

Details

The Yxy color **39.0856, 0.2810, 0.2867** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.3238, 0.3438, 0.3680**, and the grayscale version is **39.1640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7587, 0.2868, 0.2942**, and **17.4009, 0.2715, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **31.8034, 0.2629, 0.2614**, and if you desaturate by 10%, it is **47.3967, 0.2978, 0.3094**.

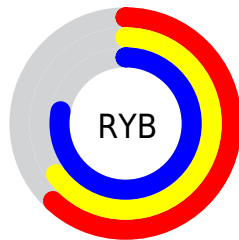
Distribution



Red (62%)

Green (65%)

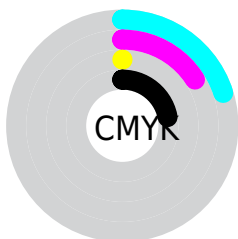
Blue (78%)



Red (62%)

Yellow (65%)

Blue (78%)

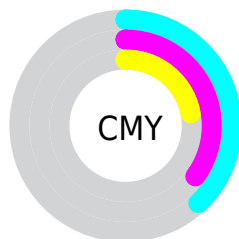


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0856, 0.2810, 0.2867 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 39.0856, 0.2810, 0.2867 by changing the saturation by 10% instead.

■ 39.0856, 0.2810,
0.2867

■ 39.0856, 0.2810,
0.2867

■ 342.2543, 0.2973,
0.3081

■ 26.8263, 0.2768,
0.2813

■ 73.7691, 0.2870,
0.2945

■ 17.4428, 0.2714,
0.2743

■ 96.9621, 0.2892,
0.2975

■ 10.5507, 0.2641,
0.2650

■ 124.5684, 0.2911,
0.2999

■ 5.7656, 0.2537,
0.2519

■ 156.9725, 0.2927,
0.3020

■ 2.7031, 0.2379,
0.2324

■ 194.5587, 0.2941,
0.3039

■ 0.9788, 0.2113,
0.2004

■ 237.7115, 0.2953,

■ 0.0000, 0.0000,

0.3055

0.0000

286.8152, 0.2963,
0.3069

■ 39.0856, 0.2810,
0.2867

■ 39.0856, 0.2810,
0.2867

■ 31.8034, 0.2629,
0.2614

■ 47.3967, 0.2978,
0.3094

■ 25.5048, 0.2439,
0.2339

■ 56.7700, 0.3132,
0.3296

■ 20.1483, 0.2246,
0.2048

■ 67.2434, 0.3271,
0.3473

■ 15.6872, 0.2058,
0.1751

■ 78.8513, 0.3395,
0.3627

■ 12.0709, 0.1886,
0.1462

■ 91.0538, 0.3485,
0.3764

■ 9.2435, 0.1741,
0.1198

■ 96.8560, 0.3466,
0.3850

■ 7.1415, 0.1631,
0.0975

■ 5.6745, 0.1557,
0.0804

■ 5.6359, 0.1555,
0.0799

Harmonies

Analogous

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



39.0856, 0.2673, 0.2934



39.0856, 0.2810, 0.2867



39.0856, 0.3035, 0.2907

Triad

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



39.0856, 0.2810, 0.2867



39.0856, 0.3627, 0.3447



39.0856, 0.2951, 0.3563

Complementary

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



39.0856, 0.2810, 0.2867



51.3238, 0.3438, 0.3680

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.



39.0856, 0.3203, 0.3714



39.0856, 0.2810, 0.2867



39.0856, 0.3600, 0.3632

Square

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



39.0856, 0.2810, 0.2867



39.0856, 0.3514, 0.3232



39.0856, 0.3442, 0.3735



39.0856, 0.2751, 0.3333

Rectangle

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



39.0856, 0.2810, 0.2867



39.0856, 0.3208, 0.2986



39.0856, 0.3442, 0.3735



39.0856, 0.3032, 0.3626

Sweetspot

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



39.0872, 0.2810, 0.2867



89.6979, 0.3035, 0.3170



51.4457, 0.2891, 0.3401



18.9682, 0.3025, 0.3156



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.



39.0872, 0.2810, 0.2867



62.9778, 0.2727, 0.2752



37.4273, 0.2898, 0.2769



10.6342, 0.2983, 0.3101



3.7664, 0.1561, 0.0818



0.2846, 0.1669, 0.1207

Inverse Universe

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



39.5922, 0.3434, 0.3188



64.2282, 0.3528, 0.3162



53.4365, 0.3328, 0.3790



10.6719, 0.3258, 0.3243



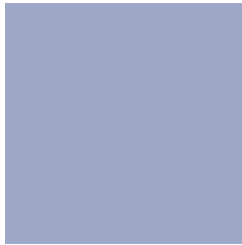
7.9202, 0.6041, 0.3101



0.3857, 0.5456, 0.2779

Previews

White Background



This preview shows how the Yxy color 39.0856, 0.2810, 0.2867 looks on a white background.

Color Contrast Check

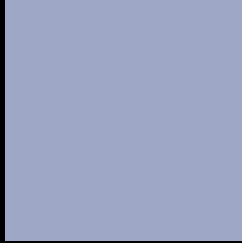
Large Text (above 18pt) WCAG AA × Fail

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 39.0856, 0.2810, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

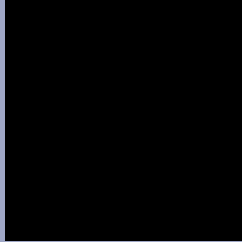
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

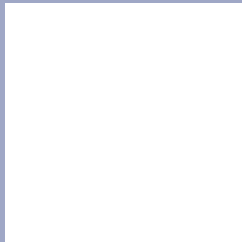
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0856, 0.2810, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 39.0856, 0.2810, 0.2867.



This preview shows how white text looks on a background with the Yxy color 39.0856, 0.2810, 0.2867.

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

39.0856, 0.2810, 0.2867

Protanopia

39.0310, 0.2834, 0.2856

Deuteranopia

39.1095, 0.2884, 0.2823



Tritanopia

39.2363, 0.2900, 0.3106

Trichromacy



Original Color

39.0856, 0.2810, 0.2867

Protanomaly

38.9267, 0.2825, 0.2855

Deuteranomaly

39.0331, 0.2850, 0.2832

Tritanomaly

39.1749, 0.2870, 0.3025

Monochromacy



Original Color

39.0856, 0.2810, 0.2867

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2593, 0.3009, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0856, 0.2810, 0.2867 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(159, 167, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 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(159, 167, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 198) }
```

Border

The CSS property to change the border of an element to Yxy 39.0856, 0.2810, 0.2867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

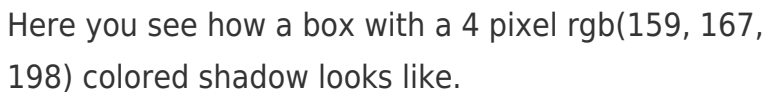
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 167, 198) }
```

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

```
.border{ border-color:rgb(159, 167, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 167, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 167, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 167, 198); box-shadow:4px 4px 4px 4px rgb(159, 167, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0856, 0.2810, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 198) }
```

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

```
.background{ background-color: rgb(159,  
167, 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](#).

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