

Converting Colors

$Y_{xy}(39.3281, 0.2796, 0.2830)$

Have a look what the booklet for
Yxy(39.3281, 0.2796, 0.2830)
contains.

Yxy(39.3281, 0.2796, 0.2830)	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(39.3281, 0.2796, 0.2830)

Conversions

Conversions Part 1

Format	Color
Hex	A0A7C9
RGB	160, 167, 201
RGB Percent	63%, 65%, 79%
CMY	0.3726, 0.3451, 0.2119
CMYK	0.20, 0.17, 0.00, 0.21
HSL	230°, 27%, 71%
HSV	230°, 20%, 79%
XYZ	38.8556, 39.3281, 60.7848
YIQ	168.7830, -15.0860, 9.0900

Conversions

Conversions Part 2

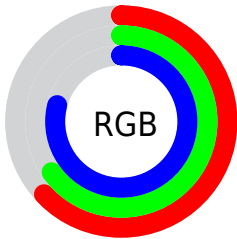
Format	Color
RYB	160, 166, 201
Decimal	10528713
CIELab	68.99, 4.76, -18.15
CIELCh	69, 18.762, 284.690
Yxy	39.3281, 0.2796, 0.2830
Android (android.graphics.Color)	4288718793 (0xFFA0A7C9)
YUV	168.7830, 15.8830, -7.7027
Hunter-Lab	62.7121, 0.8500, -13.5694

Details

The Yxy color **39.3281, 0.2796, 0.2830** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.5202, 0.3447, 0.3712**, and the grayscale version is **39.4894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9096, 0.2874, 0.2943**, and **17.5562, 0.2696, 0.2693** is the 20% darker color. If you saturate the color by 10%, you get **31.7067, 0.2612, 0.2564**, and if you desaturate by 10%, it is **48.0739, 0.2966, 0.3070**.

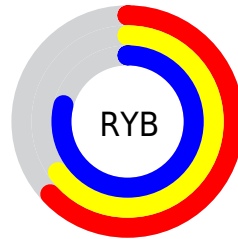
Distribution



Red (63%)

Green (65%)

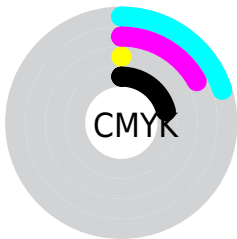
Blue (79%)



Red (63%)

Yellow (65%)

Blue (79%)

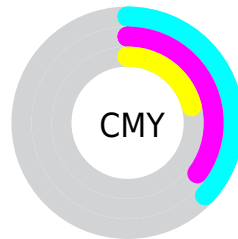


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (37%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3281, 0.2796, 0.2830 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 39.3281, 0.2796, 0.2830 by changing the saturation by 10% instead.

■ 39.3281, 0.2796,
0.2830

■ 39.3281, 0.2796,
0.2830

■ 343.2834, 0.2966,
0.3062

■ 27.0151, 0.2753,
0.2772

■ 74.1393, 0.2859,
0.2915

■ 17.5845, 0.2696,
0.2697

■ 97.4062, 0.2882,
0.2946

■ 10.6521, 0.2620,
0.2597

■ 125.0932, 0.2901,
0.2973

■ 5.8334, 0.2513,
0.2458

■ 157.5847, 0.2918,
0.2996

■ 2.7441, 0.2350,
0.2252

■ 195.2651, 0.2932,
0.3016

■ 0.9996, 0.2078,
0.1920

■ 238.5187, 0.2945,

■ 0.0000, 0.0083,

0.3033

0.0000

287.7300, 0.2956,
0.3048

0.0000, 0.0000,
0.0000

39.3281, 0.2796,
0.2830

39.3281, 0.2796,
0.2830

31.7067, 0.2612,
0.2564

48.0739, 0.2966,
0.3070

25.1591, 0.2418,
0.2275

57.9824, 0.3121,
0.3282

19.6377, 0.2221,
0.1971

69.0963, 0.3261,
0.3469

15.0896, 0.2030,
0.1664

81.4543, 0.3384,
0.3631

11.4569, 0.1856,
0.1370

94.0381, 0.3457,
0.3777

■ 8.6754, 0.1712,
0.1108

■ 96.9958, 0.3448,
0.3820

■ 6.6721, 0.1606,
0.0895

■ 5.3815, 0.1541,
0.0745

Harmonies

Analogous

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



39.3281, 0.2640, 0.2893



39.3281, 0.2796, 0.2830



39.3281, 0.3045, 0.2881

Triad

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



39.3281, 0.2796, 0.2830



39.3281, 0.3676, 0.3474



39.3281, 0.2917, 0.3573

Complementary

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



39.3281, 0.2796, 0.2830



53.5202, 0.3447, 0.3712

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.



39.3281, 0.3190, 0.3747



39.3281, 0.2796, 0.2830



39.3281, 0.3634, 0.3673

Square

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



39.3281, 0.2796, 0.2830



39.3281, 0.3562, 0.3241



39.3281, 0.3454, 0.3779



39.3281, 0.2707, 0.3317

Rectangle

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



39.3281, 0.2796, 0.2830



39.3281, 0.3234, 0.2971



39.3281, 0.3454, 0.3779



39.3281, 0.3005, 0.3644

Sweetspot

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



39.3297, 0.2796, 0.2830



89.3859, 0.3035, 0.3165



53.1056, 0.2874, 0.3388



18.8947, 0.3025, 0.3150



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.



39.3297, 0.2796, 0.2830



61.9761, 0.2725, 0.2728



38.2386, 0.2900, 0.2750



10.5759, 0.2983, 0.3093



3.4780, 0.1546, 0.0763



0.2581, 0.1643, 0.1116

Inverse Universe

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



40.3456, 0.3462, 0.3201



64.1271, 0.3545, 0.3183



54.9904, 0.3324, 0.3811



10.6661, 0.3263, 0.3251



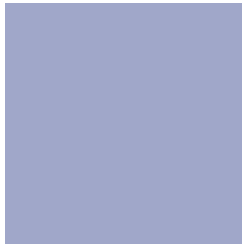
7.8911, 0.6129, 0.3150



0.3831, 0.5587, 0.2852

Previews

White Background



This preview shows how the Yxy color 39.3281, 0.2796, 0.2830 looks on a white background.

Color Contrast Check

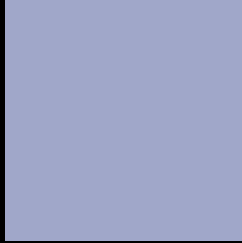
Large Text (above 18pt) WCAG AA × Fail

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 39.3281, 0.2796, 0.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

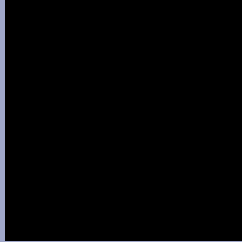
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

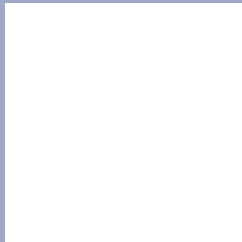
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3281, 0.2796, 0.2830

Background



This preview shows how black text looks on a background with the Yxy color 39.3281, 0.2796, 0.2830.



This preview shows how white text looks on a background with the Yxy color 39.3281, 0.2796, 0.2830.

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

39.3281, 0.2796, 0.2830

Protanopia

39.4315, 0.2804, 0.2831

Deuteranopia

39.1400, 0.2852, 0.2785



Tritanopia

39.3782, 0.2901, 0.3093

Trichromacy



Original Color

39.3281, 0.2796, 0.2830

Protanomaly

39.4315, 0.2804, 0.2831

Deuteranomaly

39.1739, 0.2828, 0.2795

Tritanomaly

39.3627, 0.2863, 0.2998

Monochromacy



Original Color

39.3281, 0.2796, 0.2830

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4485, 0.3001, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3281, 0.2796, 0.2830 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, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(160, 167, 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(160, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 167, 201) }
```

Border

The CSS property to change the border of an element to Yxy 39.3281, 0.2796, 0.2830 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, 167, 201) }
```

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

```
.border{ border-color:rgb(160, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(160, 167,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3281, 0.2796, 0.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 167, 201) }
```

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

```
.background{ background-color: rgb(160,  
167, 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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