

Converting Colors

Yxy(39.4566, 0.2886, 0.2902)

Have a look what the booklet for
Yxy(39.4566, 0.2886, 0.2902)
contains.

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Color

Yxy(39.3196, 0.2890, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	A6A6C3
RGB	166, 166, 195
RGB Percent	65%, 65%, 76%
CMY	0.3490, 0.3490, 0.2353
CMYK	0.15, 0.15, 0.00, 0.24
HSL	240°, 19%, 71%
HSV	240°, 15%, 76%
XYZ	39.2111, 39.3196, 57.1477
YIQ	169.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

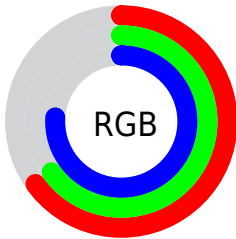
Format	Color
R _Y B	166, 166, 195
Decimal	10921667
CIE Lab	68.98, 5.91, -14.81
CIE LCh	69, 15.944, 291.766
Yxy	39.3196, 0.2890, 0.2898
Android (android.graphics.Color)	4289111747 (0xFFA6A6C3)
YUV	169.3060, 12.6671, -2.8994
Hunter-Lab	62.7053, 1.8857, -10.1414

Details

The Yxy color **39.3196, 0.2890, 0.2898** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.3775, 0.3347, 0.3654**, and the grayscale version is **39.7756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1133, 0.2931, 0.2966**, and **17.5351, 0.2822, 0.2786** is the 20% darker color. If you saturate the color by 10%, you get **30.8128, 0.2705, 0.2593**, and if you desaturate by 10%, it is **49.2234, 0.3055, 0.3170**.

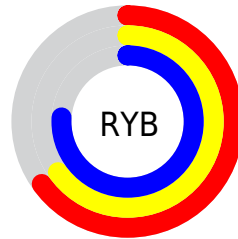
Distribution



Red (65%)

Green (65%)

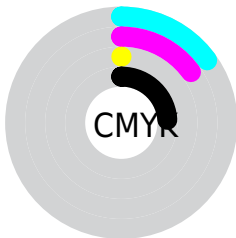
Blue (76%)



Red (65%)

Yellow (65%)

Blue (76%)

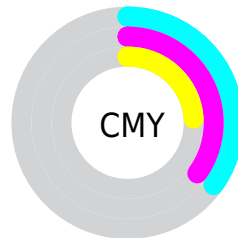


Cyan (15%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3196, 0.2890, 0.2898 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 39.3196, 0.2890, 0.2898 by changing the saturation by 10% instead.

■ 39.3196, 0.2890,
0.2898

■ 39.3196, 0.2890,
0.2898

■ 343.2474, 0.3012,
0.3096

■ 27.0084, 0.2858,
0.2848

■ 74.1263, 0.2935,
0.2970

■ 17.5796, 0.2817,
0.2784

■ 97.3906, 0.2952,
0.2997

■ 10.6486, 0.2761,
0.2698

■ 125.0748, 0.2966,
0.3020

■ 5.8310, 0.2681,
0.2578

■ 157.5633, 0.2978,
0.3040

■ 2.7426, 0.2558,
0.2398

■ 195.2404, 0.2988,
0.3057

■ 0.9989, 0.2345,
0.2102

■ 238.4905, 0.2997,

■ 0.0000, 0.0392,

0.3071

0.0000

287.6980, 0.3005,
0.3084

0.0000, 0.0000,
0.0000

39.3196, 0.2890,
0.2898

39.3196, 0.2890,
0.2898

30.8128, 0.2705,
0.2593

49.2234, 0.3055,
0.3170

23.6354, 0.2503,
0.2259

60.5778, 0.3199,
0.3408

17.7220, 0.2290,
0.1907

73.4398, 0.3323,
0.3614

12.9992, 0.2078,
0.1555

87.8615, 0.3430,
0.3791

9.3865, 0.1880,
0.1228

96.7198, 0.3484,
0.3880

■ 6.7932, 0.1713,
0.0953

■ 5.1144, 0.1592,
0.0752

■ 4.2227, 0.1523,
0.0638

■ 3.9411, 0.1500,
0.0600

Harmonies

Analogous

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



39.3196, 0.2733, 0.2930



39.3196, 0.2890, 0.2898



39.3196, 0.3115, 0.2963

Triad

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



39.3196, 0.2890, 0.2898



39.3196, 0.3596, 0.3494



39.3196, 0.2900, 0.3482

Complementary

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



39.3196, 0.2890, 0.2898



53.3775, 0.3347, 0.3654

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.



39.3196, 0.3126, 0.3650



39.3196, 0.2890, 0.2898



39.3196, 0.3532, 0.3647

Square

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



39.3196, 0.2890, 0.2898



39.3196, 0.3530, 0.3297



39.3196, 0.3357, 0.3709



39.3196, 0.2739, 0.3262

Rectangle

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



39.3196, 0.2890, 0.2898



39.3196, 0.3275, 0.3051



39.3196, 0.3357, 0.3709



39.3196, 0.2971, 0.3548

Sweetspot

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



39.3212, 0.2890, 0.2898



89.7122, 0.3067, 0.3190



51.0518, 0.2907, 0.3296



19.3250, 0.3055, 0.3171



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.



39.3212, 0.2890, 0.2898



64.9600, 0.2829, 0.2798



40.9161, 0.3011, 0.2912



9.7485, 0.2983, 0.3052



2.5619, 0.1500, 0.0600



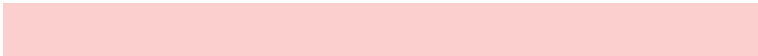
0.1109, 0.1500, 0.0601

Inverse Universe

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



41.6261, 0.3401, 0.3291



69.9157, 0.3478, 0.3291



51.6013, 0.3230, 0.3668



10.0779, 0.3289, 0.3290



7.5409, 0.6400, 0.3300



0.3258, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 39.3196, 0.2890, 0.2898 looks on a white background.

Color Contrast Check

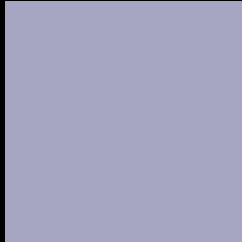
Large Text (above 18pt) WCAG AA × Fail

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 39.3196, 0.2890, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

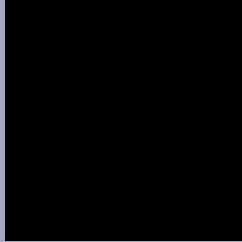
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3196, 0.2890, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 39.3196, 0.2890, 0.2898.



This preview shows how white text looks on a background with the Yxy color 39.3196, 0.2890, 0.2898.

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

39.3196, 0.2890, 0.2898

Protanopia

39.4095, 0.2858, 0.2896

Deuteranopia

39.2617, 0.2941, 0.2876



Tritanopia

39.2752, 0.2976, 0.3096

Trichromacy



Original Color

39.3196, 0.2890, 0.2898

Protanomaly

39.5155, 0.2866, 0.2897

Deuteranomaly

39.3964, 0.2924, 0.2888

Tritanomaly

39.2246, 0.2944, 0.3015

Monochromacy



Original Color

39.3196, 0.2890, 0.2898

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5444, 0.3043, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3196, 0.2890, 0.2898 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(166, 166, 195)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 195)  
}
```

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(166, 166, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 195) }
```

Border

The CSS property to change the border of an element to Yxy 39.3196, 0.2890, 0.2898 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(166, 166, 195) }
```

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

```
.border{ border-color:rgb(166, 166, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 166, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 195);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3196, 0.2890, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 195) }
```

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

```
.background{ background-color: rgb(166,  
166, 195) }
```

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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