

Converting Colors

Yxy(39.3444, 0.2893, 0.2868)

Have a look what the booklet for
Yxy(39.3444, 0.2893, 0.2868)
contains.

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Color

Yxy(39.2663, 0.2891, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	A8A5C5
RGB	168, 165, 197
RGB Percent	66%, 65%, 77%
CMY	0.3412, 0.3529, 0.2275
CMYK	0.15, 0.16, 0.00, 0.23
HSL	246°, 22%, 71%
HSV	246°, 16%, 77%
XYZ	39.6780, 39.2663, 58.3024
YIQ	169.5450, -8.4840, 10.5880

Conversions

Conversions Part 2

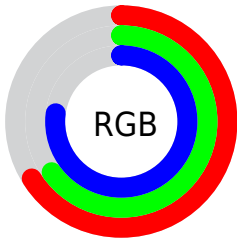
Format	Color
R _Y B	168, 165, 197
Decimal	11052485
CIE Lab	68.94, 7.55, -15.95
CIE LCh	69, 17.649, 295.326
Yxy	39.2663, 0.2891, 0.2861
Android (android.graphics.Color)	4289242565 (0xFFA8A5C5)
YUV	169.5450, 13.5353, -1.3550
Hunter-Lab	62.6628, 3.3661, -11.3003

Details

The Yxy color **39.2663, 0.2891, 0.2861** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.1138, 0.3343, 0.3692**, and the grayscale version is **39.8947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0301, 0.2932, 0.2936**, and **17.5064, 0.2823, 0.2736** is the 20% darker color. If you saturate the color by 10%, you get **30.8724, 0.2720, 0.2556**, and if you desaturate by 10%, it is **49.0273, 0.3043, 0.3135**.

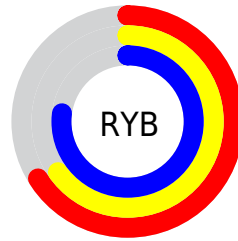
Distribution



Red (66%)

Green (65%)

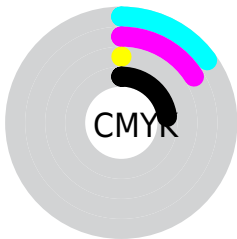
Blue (77%)



Red (66%)

Yellow (65%)

Blue (77%)

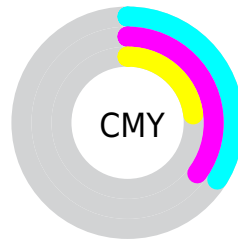


Cyan (15%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (34%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2663, 0.2891, 0.2861 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 39.2663, 0.2891, 0.2861 by changing the saturation by 10% instead.

■ 39.2663, 0.2891,
0.2861

■ 39.2663, 0.2891,
0.2861

■ 343.0214, 0.3013,
0.3077

■ 26.9670, 0.2859,
0.2807

■ 74.0450, 0.2936,
0.2940

■ 17.5484, 0.2818,
0.2737

■ 97.2931, 0.2953,
0.2969

■ 10.6263, 0.2762,
0.2645

■ 124.9595, 0.2967,
0.2994

■ 5.8161, 0.2682,
0.2516

■ 157.4288, 0.2979,
0.3015

■ 2.7336, 0.2558,
0.2324

■ 195.0852, 0.2989,
0.3034

■ 0.9943, 0.2344,
0.2012

■ 238.3132, 0.2998,

■ 0.0000, 0.0689,

0.3050

0.0000

287.4971, 0.3006,
0.3064

0.0000, 0.0000,
0.0000

39.2663, 0.2891,
0.2861

39.2663, 0.2891,
0.2861

30.8724, 0.2720,
0.2556

49.0273, 0.3043,
0.3135

23.7799, 0.2532,
0.2227

60.2075, 0.3175,
0.3378

17.9249, 0.2332,
0.1882

72.8622, 0.3289,
0.3590

13.2363, 0.2129,
0.1540

87.0426, 0.3387,
0.3774

9.6357, 0.1937,
0.1223

96.8106, 0.3472,
0.3860

■ 7.0350, 0.1768,
0.0957

■ 5.3322, 0.1637,
0.0761

■ 4.3993, 0.1551,
0.0646

■ 4.1625, 0.1529,
0.0616

Harmonies

Analogous

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



39.2663, 0.2707, 0.2882



39.2663, 0.2891, 0.2861



39.2663, 0.3145, 0.2944

Triad

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



39.2663, 0.2891, 0.2861



39.2663, 0.3646, 0.3537



39.2663, 0.2850, 0.3476

Complementary

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



39.2663, 0.2891, 0.2861



54.1138, 0.3343, 0.3692

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.



39.2663, 0.3093, 0.3674



39.2663, 0.2891, 0.2861



39.2663, 0.3557, 0.3699

Square

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



39.2663, 0.2891, 0.2861



39.2663, 0.3590, 0.3323



39.2663, 0.3353, 0.3755



39.2663, 0.2685, 0.3228

Rectangle

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



39.2663, 0.2891, 0.2861



39.2663, 0.3321, 0.3048



39.2663, 0.3353, 0.3755



39.2663, 0.2925, 0.3551

Sweetspot

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



39.2679, 0.2891, 0.2861



90.0058, 0.3059, 0.3165



50.7579, 0.2883, 0.3255



18.9757, 0.3049, 0.3147



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.



39.2679, 0.2891, 0.2861



65.4859, 0.2841, 0.2771



41.0932, 0.3027, 0.2878



10.3339, 0.2997, 0.3052



2.7547, 0.1535, 0.0619



0.1470, 0.1648, 0.0681

Inverse Universe

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



42.6778, 0.3171, 0.2928



72.6007, 0.3180, 0.2859



52.1478, 0.3214, 0.3708



10.7989, 0.3152, 0.3083



9.9458, 0.3456, 0.1677



0.4760, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 39.2663, 0.2891, 0.2861 looks on a white background.

Color Contrast Check

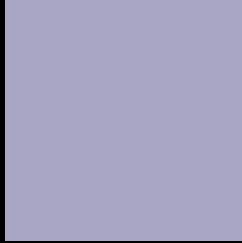
Large Text (above 18pt) WCAG AA × Fail

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 39.2663, 0.2891, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

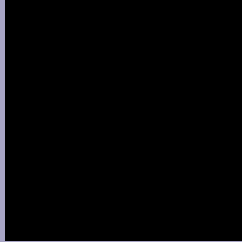
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2663, 0.2891, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 39.2663, 0.2891, 0.2861.



This preview shows how white text looks on a background with the Yxy color 39.2663, 0.2891, 0.2861.

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

39.2663, 0.2891, 0.2861

Protanopia

39.3960, 0.2834, 0.2870

Deuteranopia

39.2401, 0.2916, 0.2850



Tritanopia

39.3408, 0.2993, 0.3110

Trichromacy



Original Color

39.2663, 0.2891, 0.2861

Protanomaly

39.2422, 0.2850, 0.2858

Deuteranomaly

39.1282, 0.2908, 0.2849

Tritanomaly

39.3323, 0.2953, 0.3016

Monochromacy



Original Color

39.2663, 0.2891, 0.2861

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.7356, 0.3036, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2663, 0.2891, 0.2861 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(168, 165, 197)` looks like.

```
.text, #text, p{  
    color:rgb(168, 165, 197)  
}
```

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(168, 165, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 165, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.2663, 0.2891, 0.2861 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(168, 165, 197) }
```

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

```
.border{ border-color:rgb(168, 165, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 165, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 165, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 165, 197);  
box-shadow:4px 4px 4px 4px rgb(168, 165,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2663, 0.2891, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 165, 197) }
```

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

```
.background{ background-color: rgb(168,  
165, 197) }
```

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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