

Converting Colors

$Y_{xy}(35.1177, 0.2971, 0.2834)$

Have a look what the booklet for
Yxy(35.1177, 0.2971, 0.2834)
contains.

Yxy(35.0239, 0.2969, 0.2835)	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(35.0239, 0.2969, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	A89ABB
RGB	168, 154, 187
RGB Percent	66%, 60%, 73%
CMY	0.3410, 0.3961, 0.2667
CMYK	0.10, 0.18, 0.00, 0.27
HSL	266°, 20%, 67%
HSV	266°, 18%, 73%
XYZ	36.6794, 35.0239, 51.8378
YIQ	161.9480, -2.2490, 13.2310

Conversions

Conversions Part 2

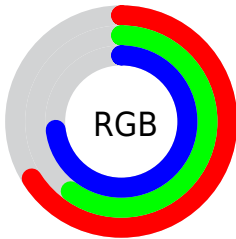
Format	Color
RYB	168, 154, 187
Decimal	11049659
CIELab	65.77, 11.58, -15.19
CIElCh	66, 19.100, 307.319
Yxy	35.0239, 0.2969, 0.2835
Android (android.graphics.Color)	4289239739 (0xFFA89ABB)
YUV	161.9480, 12.3506, 5.3076
Hunter-Lab	59.1810, 7.0645, -10.5066

Details

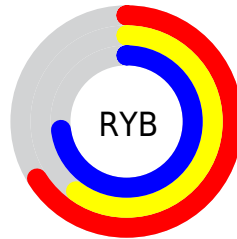
The Yxy color $35.0239, 0.2969, 0.2835$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $46.7499, 0.3266, 0.3740$, and the grayscale version is $36.0503, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.2708, 0.3000, 0.2918$, and $15.1347, 0.2915, 0.2698$ is the 20% darker color. If you saturate the color by 10%, you get $28.1956, 0.2860, 0.2549$, and if you desaturate by 10%, it is $42.9141, 0.3064, 0.3101$.

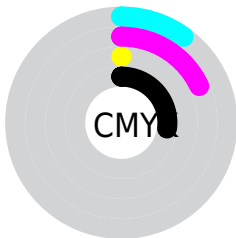
Distribution



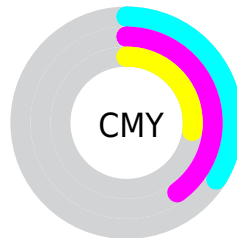
- Red (66%)
- Green (60%)
- Blue (73%)



- Red (66%)
- Yellow (60%)
- Blue (73%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)





- Cyan (34%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0239, 0.2969, 0.2835 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 35.0239, 0.2969, 0.2835 by changing the saturation by 10% instead.

 35.0239, 0.2969,
0.2835


 35.0239, 0.2969,
0.2835


324.6738, 0.3054,
0.3067

 23.6813, 0.2946,
0.2776


 67.5228, 0.3001,
0.2920

 15.0974, 0.2915,
0.2700


 89.4479, 0.3013,
0.2952

 8.8877, 0.2873,
0.2597


115.6692, 0.3022,
0.2978

 4.6680, 0.2809,
0.2451

146.5712, 0.3031,
0.3001

 2.0538, 0.2706,
0.2231

182.5383, 0.3038,
0.3021

 0.6385, 0.2527,
0.1812

223.9548, 0.3044,

 0.0000, 0.0000,

0.3038

0.0000

271.2052, 0.3049,
0.3053

■ 35.0239, 0.2969,
0.2835

■ 35.0239, 0.2969,
0.2835

■ 28.1956, 0.2860,
0.2549

■ 42.9141, 0.3064,
0.3101

■ 22.3780, 0.2737,
0.2249

■ 51.9054, 0.3145,
0.3345

■ 17.5222, 0.2602,
0.1944

■ 62.0407, 0.3214,
0.3565

■ 13.5736, 0.2458,
0.1648

■ 73.3590, 0.3272,
0.3763

■ 10.4717, 0.2310,
0.1375

■ 85.8975, 0.3321,
0.3939

8.1483, 0.2165,
0.1142

92.3438, 0.3380,
0.3994

6.5241, 0.2031,
0.0962

94.2014, 0.3452,
0.3977

5.4824, 0.1912,
0.0838

96.1708, 0.3525,
0.3961

5.2756, 0.1886,
0.0813

96.3677, 0.3532,
0.3959

Harmonies

Analogous

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



35.0239, 0.2726, 0.2809



35.0239, 0.2969, 0.2835



35.0239, 0.3266, 0.2968

Triad

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



35.0239, 0.2969, 0.2835



35.0239, 0.3690, 0.3649



35.0239, 0.2728, 0.3388

Complementary

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



35.0239, 0.2969, 0.2835



46.7499, 0.3266, 0.3740

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.



35.0239, 0.2972, 0.3647



35.0239, 0.2969, 0.2835



35.0239, 0.3530, 0.3792

Square

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



35.0239, 0.2969, 0.2835



35.0239, 0.3693, 0.3424



35.0239, 0.3265, 0.3798



35.0239, 0.2592, 0.3113

Rectangle

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



35.0239, 0.2969, 0.2835



35.0239, 0.3454, 0.3103



35.0239, 0.3265, 0.3798



35.0239, 0.2800, 0.3481

Sweetspot

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



35.0254, 0.2969, 0.2835



80.8082, 0.3086, 0.3166



40.4377, 0.2855, 0.3097



17.5536, 0.3080, 0.3149



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0254, 0.2969, 0.2835



58.0032, 0.2930, 0.2732



36.9168, 0.3121, 0.2856



9.4185, 0.3049, 0.3057



3.6759, 0.1899, 0.0820



0.1826, 0.2180, 0.0975

Inverse Universe

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



36.6878, 0.3278, 0.3038



61.5469, 0.3315, 0.2983



45.0138, 0.3128, 0.3759



9.6257, 0.3201, 0.3159



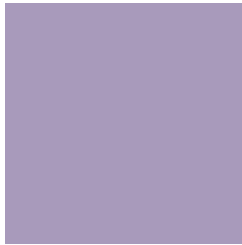
8.0312, 0.4625, 0.2322



0.3274, 0.4199, 0.2087

Previews

White Background



This preview shows how the Yxy color 35.0239, 0.2969, 0.2835 looks on a white background.

Color Contrast Check

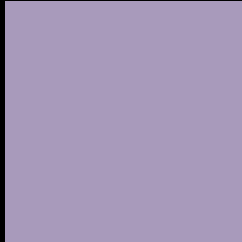
Large Text (above 18pt) WCAG AA × Fail

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 35.0239, 0.2969, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

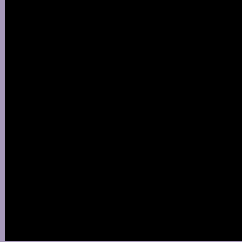
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0239, 0.2969, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 35.0239, 0.2969, 0.2835.



This preview shows how white text looks on a background with the Yxy color 35.0239, 0.2969, 0.2835.

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

35.0239, 0.2969, 0.2835

Protanopia

34.9437, 0.2812, 0.2836

Deuteranopia

35.0462, 0.2914, 0.2856



Tritanopia

34.9778, 0.3097, 0.3118

Trichromacy



Original Color

35.0239, 0.2969, 0.2835

Protanomaly

35.0572, 0.2863, 0.2840

Deuteranomaly

34.9231, 0.2932, 0.2844

Tritanomaly

35.0185, 0.3045, 0.3008

Monochromacy



Original Color

35.0239, 0.2969, 0.2835

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6291, 0.3069, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0239, 0.2969, 0.2835 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, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 187)  
}
```

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, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 187) }
```

Border

The CSS property to change the border of an element to Yxy 35.0239, 0.2969, 0.2835 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, 154, 187) }
```

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

```
.border{ border-color:rgb(168, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0239, 0.2969, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 187) }
```

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

```
.background{ background-color: rgb(168,  
154, 187) }
```

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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