

Converting Colors

$Y_{xy}(35.0039, 0.2940, 0.2653)$

Have a look what the booklet for
Yxy(35.0039, 0.2940, 0.2653)
contains.

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Color

Yxy(35.0039, 0.2940, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	AF96C6
RGB	175, 150, 198
RGB Percent	69%, 59%, 78%
CMY	0.3135, 0.4118, 0.2235
CMYK	0.12, 0.24, 0.00, 0.22
HSL	271°, 30%, 68%
HSV	271°, 24%, 78%
XYZ	38.7906, 35.0039, 58.1463
YIQ	162.9470, -0.5080, 20.2280

Conversions

Conversions Part 2

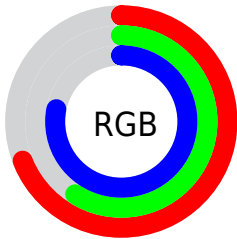
Format	Color
RYB	175, 150, 198
Decimal	11507398
CIELab	65.75, 18.50, -21.31
CIELCh	66, 28.222, 310.963
Yxy	35.0039, 0.2940, 0.2653
Android (android.graphics.Color)	4289697478 (0xFFAF96C6)
YUV	162.9470, 17.2811, 10.5705
Hunter-Lab	59.1641, 13.4953, -16.8552

Details

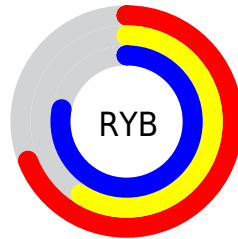
The Yxy color **35.0039, 0.2940, 0.2653** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.4721, 0.3278, 0.3932**, and the grayscale version is **36.5205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3947, 0.2978, 0.2765**, and **15.0749, 0.2874, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **28.1548, 0.2842, 0.2364**, and if you desaturate by 10%, it is **43.0004, 0.3026, 0.2929**.

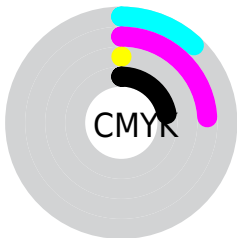
Distribution



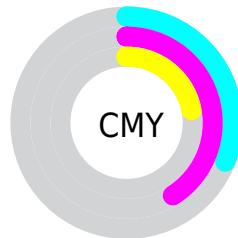
- Red (69%)
- Green (59%)
- Blue (78%)



- Red (69%)
- Yellow (59%)
- Blue (78%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)




- Cyan (31%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0039, 0.2940, 0.2653 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 35.0039, 0.2940, 0.2653 by changing the saturation by 10% instead.


 35.0039, 0.2940,
0.2653


 35.0039, 0.2940,
0.2653


324.5855, 0.3042,
0.2972

 23.6659, 0.2912,
0.2574


 67.4918, 0.2979,
0.2769

 15.0860, 0.2875,
0.2472

 89.4105, 0.2993,
0.2812

 8.8797, 0.2822,
0.2338


115.6248, 0.3005,
0.2849

 4.6628, 0.2744,
0.2153

146.5193, 0.3014,
0.2881

 2.0508, 0.2618,
0.1883

182.4782, 0.3023,
0.2908

 0.6367, 0.2400,
0.1421

223.8859, 0.3030,

 0.0000, 0.0047,

0.2932

0.0000

271.1269, 0.3036,
0.2953

0.0000, 0.0000,
0.0000

35.0039, 0.2940,
0.2653

35.0039, 0.2940,
0.2653

28.1548, 0.2842,
0.2364

43.0004, 0.3026,
0.2929

22.3935, 0.2732,
0.2071

52.1912, 0.3099,
0.3187

17.6616, 0.2613,
0.1784

62.6262, 0.3162,
0.3423

13.8931, 0.2488,
0.1517

74.3506, 0.3214,
0.3638

11.0142, 0.2361,
0.1284

87.4079, 0.3257,
0.3832

8.9399, 0.2238,
0.1099

92.7245, 0.3312,
0.3879

7.5673, 0.2124,
0.0968

94.3489, 0.3374,
0.3867

6.9861, 0.2063,
0.0910

96.0598, 0.3437,
0.3855

96.8579, 0.3466,
0.3850

Harmonies

Analogous

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



35.0039, 0.2577, 0.2591



35.0039, 0.2940, 0.2653



35.0039, 0.3381, 0.2858

Triad

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



35.0039, 0.2940, 0.2653



35.0039, 0.3939, 0.3836



35.0039, 0.2510, 0.3377

Complementary

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



35.0039, 0.2940, 0.2653



51.4721, 0.3278, 0.3932

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.



35.0039, 0.2843, 0.3788



35.0039, 0.2940, 0.2653



35.0039, 0.3671, 0.4045

Square

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



35.0039, 0.2940, 0.2653



35.0039, 0.3981, 0.3512



35.0039, 0.3267, 0.4041



35.0039, 0.2343, 0.2972

Rectangle

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



35.0039, 0.2940, 0.2653



35.0039, 0.3656, 0.3053



35.0039, 0.3267, 0.4041



35.0039, 0.2606, 0.3521

Sweetspot

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



35.0054, 0.2940, 0.2653



87.5536, 0.3080, 0.3115



40.5223, 0.2745, 0.2946



18.5215, 0.3075, 0.3100



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.



35.0054, 0.2940, 0.2653



55.4525, 0.2891, 0.2505



37.8546, 0.3162, 0.2702



10.5554, 0.3063, 0.3057



4.5938, 0.2076, 0.0917



0.2605, 0.2301, 0.1041

Inverse Universe

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



36.8279, 0.3394, 0.2995



59.3056, 0.3468, 0.2929



49.1040, 0.3090, 0.3957



10.7199, 0.3216, 0.3180



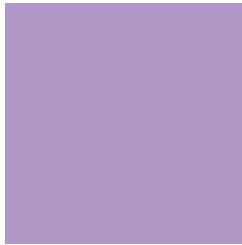
8.3572, 0.5033, 0.2546



0.4103, 0.4554, 0.2283

Previews

White Background



This preview shows how the Yxy color 35.0039, 0.2940, 0.2653 looks on a white background.

Color Contrast Check

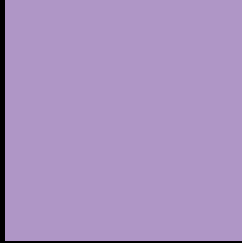
Large Text (above 18pt) WCAG AA × Fail

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 35.0039, 0.2940, 0.2653 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 35.0039, 0.2940, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 35.0039, 0.2940, 0.2653.



This preview shows how white text looks on a background with the Yxy color 35.0039, 0.2940, 0.2653.

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

35.0039, 0.2940, 0.2653

Protanopia

35.1093, 0.2667, 0.2650

Deuteranopia

35.3133, 0.2792, 0.2735



Tritanopia

35.1501, 0.3155, 0.3121

Trichromacy



Original Color

35.0039, 0.2940, 0.2653

Protanomaly

34.9761, 0.2760, 0.2646

Deuteranomaly

35.0349, 0.2850, 0.2703

Tritanomaly

35.1365, 0.3076, 0.2944

Monochromacy



Original Color

35.0039, 0.2940, 0.2653

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8038, 0.3054, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0039, 0.2940, 0.2653 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(175, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(175, 150, 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(175, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 150, 198) }
```

Border

The CSS property to change the border of an element to Yxy 35.0039, 0.2940, 0.2653 is called "border". The border property can be set on classes, ids or directly on the HTML element.

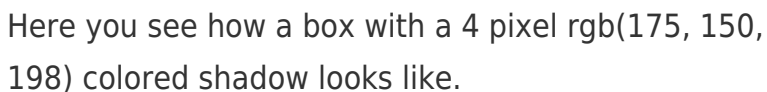
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 150, 198) }
```

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

```
.border{ border-color:rgb(175, 150, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(175, 150,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0039, 0.2940, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 150, 198) }
```

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

```
.background{ background-color: rgb(175,  
150, 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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