

Converting Colors

$Yxy(35.2597, 0.3020, 0.2955)$

Have a look what the booklet for
Yxy(35.2597, 0.3020, 0.2955)
contains.

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Color

Yxy(35.2877, 0.3019, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	A79CB4
RGB	167, 156, 180
RGB Percent	65%, 61%, 71%
CMY	0.3451, 0.3882, 0.2940
CMYK	0.07, 0.13, 0.00, 0.29
HSL	267°, 14%, 66%
HSV	267°, 13%, 71%
XYZ	36.0642, 35.2877, 48.1055
YIQ	162.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

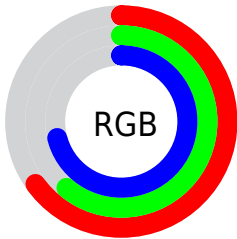
Format	Color
RYB	167, 156, 180
Decimal	10984628
CIELab	65.97, 8.65, -11.00
CIElCh	66, 13.990, 308.194
Yxy	35.2877, 0.3019, 0.2954
Android (android.graphics.Color)	4289174708 (0xFFA79CB4)
YUV	162.0250, 8.8617, 4.3631
Hunter-Lab	59.4035, 4.4123, -6.4312

Details

The Yxy color **35.2877, 0.3019, 0.2954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.4939, 0.3225, 0.3624**, and the grayscale version is **36.1026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6789, 0.3039, 0.3010**, and **15.2803, 0.2986, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **28.6643, 0.2923, 0.2678**, and if you desaturate by 10%, it is **42.8899, 0.3102, 0.3209**.

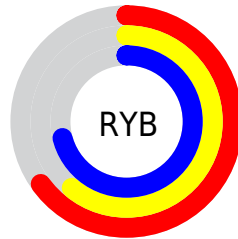
Distribution



Red (65%)

Green (61%)

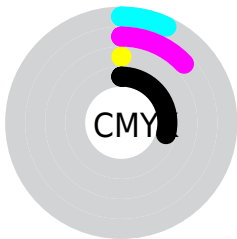
Blue (71%)



Red (65%)

Yellow (61%)

Blue (71%)

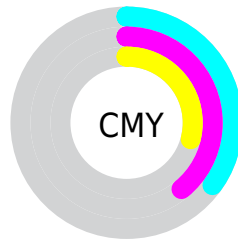


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (35%)


Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2877, 0.3019, 0.2954 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 35.2877, 0.3019, 0.2954 by changing the saturation by 10% instead.


 35.2877, 0.3019,
0.2954


 35.2877, 0.3019,
0.2954


325.8364, 0.3077,
0.3126

 23.8846, 0.3003,
0.2910


 67.9312, 0.3041,
0.3018

 15.2480, 0.2982,
0.2852


 89.9404, 0.3049,
0.3041

 8.9936, 0.2953,
0.2773


116.2537, 0.3055,
0.3061

 4.7370, 0.2910,
0.2661

147.2556, 0.3061,
0.3078

 2.0938, 0.2838,
0.2488

183.3304, 0.3066,
0.3093

 0.6611, 0.2717,
0.2140

224.8626, 0.3070,

 0.0000, 0.0000,

0.3105

0.0000

272.2364, 0.3074,
0.3116

■ 35.2877, 0.3019,
0.2954

■ 35.2877, 0.3019,
0.2954

■ 28.6643, 0.2923,
0.2678

■ 42.8899, 0.3102,
0.3209

■ 22.9743, 0.2813,
0.2387

■ 51.5050, 0.3173,
0.3443

■ 18.1751, 0.2690,
0.2087

■ 61.1708, 0.3233,
0.3653

■ 14.2192, 0.2557,
0.1791

■ 71.9220, 0.3283,
0.3842

■ 11.0542, 0.2418,
0.1512

■ 83.7916, 0.3324,
0.4010

8.6219, 0.2277,
0.1264

90.9202, 0.3375,
0.4078

6.8556, 0.2142,
0.1064

92.5407, 0.3440,
0.4061

5.6757, 0.2020,
0.0919

94.2526, 0.3506,
0.4045

5.1064, 0.1945,
0.0845

96.0572, 0.3572,
0.4027

Harmonies

Analogous

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



35.2877, 0.2836, 0.2934



35.2877, 0.3019, 0.2954



35.2877, 0.3237, 0.3056

Triad

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



35.2877, 0.3019, 0.2954



35.2877, 0.3536, 0.3561



35.2877, 0.2830, 0.3357

Complementary

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



35.2877, 0.3019, 0.2954



43.4939, 0.3225, 0.3624

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.



35.2877, 0.3010, 0.3543



35.2877, 0.3019, 0.2954



35.2877, 0.3418, 0.3658

Square

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



35.2877, 0.3019, 0.2954



35.2877, 0.3541, 0.3398



35.2877, 0.3225, 0.3655



35.2877, 0.2731, 0.3159

Rectangle

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



35.2877, 0.3019, 0.2954



35.2877, 0.3372, 0.3158



35.2877, 0.3225, 0.3655



35.2877, 0.2883, 0.3424

Sweetspot

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



35.2892, 0.3019, 0.2954



76.6842, 0.3097, 0.3192



38.8215, 0.2923, 0.3136



16.3408, 0.3091, 0.3173



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.2892, 0.3019, 0.2954



60.2682, 0.2992, 0.2875



36.6376, 0.3131, 0.2965



8.4142, 0.3054, 0.3060



3.6017, 0.1958, 0.0852



0.1481, 0.2284, 0.1032

Inverse Universe

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



36.3507, 0.3243, 0.3112



62.5878, 0.3273, 0.3071



42.2433, 0.3121, 0.3635



8.5798, 0.3205, 0.3167



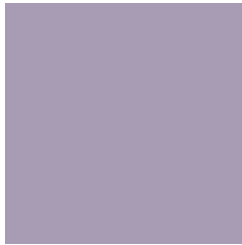
7.3970, 0.4752, 0.2391



0.2443, 0.4213, 0.2094

Previews

White Background



This preview shows how the Yxy color 35.2877, 0.3019, 0.2954 looks on a white background.

Color Contrast Check

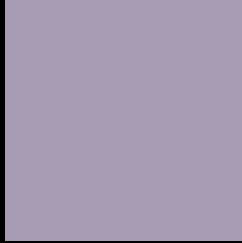
Large Text (above 18pt) WCAG AA × Fail

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 35.2877, 0.3019, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

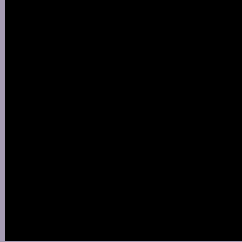
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2877, 0.3019, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 35.2877, 0.3019, 0.2954.



This preview shows how white text looks on a background with the Yxy color 35.2877, 0.3019, 0.2954.

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

35.2877, 0.3019, 0.2954

Protanopia

35.3418, 0.2912, 0.2962

Deuteranopia

35.2877, 0.3019, 0.2954



Tritanopia

35.3553, 0.3087, 0.3119

Trichromacy



Original Color

35.2877, 0.3019, 0.2954

Protanomaly

35.3670, 0.2956, 0.2964

Deuteranomaly

35.2877, 0.3019, 0.2954

Tritanomaly

35.2769, 0.3062, 0.3049

Monochromacy



Original Color

35.2877, 0.3019, 0.2954

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8987, 0.3086, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2877, 0.3019, 0.2954 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(167, 156, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 156, 180)  
}
```

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(167, 156, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 156, 180) }
```

Border

The CSS property to change the border of an element to Yxy 35.2877, 0.3019, 0.2954 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(167, 156, 180) }
```

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

```
.border{ border-color:rgb(167, 156, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 156, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 156, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 156, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 156,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2877, 0.3019, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 156, 180) }
```

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

```
.background{ background-color: rgb(167,  
156, 180) }
```

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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