

Converting Colors

Yxy(34.5806, 0.3147, 0.2956)

Have a look what the booklet for
Yxy(34.5806, 0.3147, 0.2956)
contains.

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Color

Yxy(34.4979, 0.3143, 0.2946)

Conversions

Conversions Part 1

Format	Color
Hex	B097B0
RGB	176, 151, 176
RGB Percent	69%, 59%, 69%
CMY	0.3099, 0.4078, 0.3098
CMYK	0.00, 0.14, 0.00, 0.31
HSL	300°, 14%, 64%
HSV	300°, 14%, 69%
XYZ	36.8048, 34.4979, 45.7981
YIQ	161.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

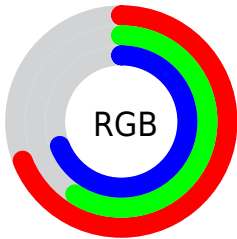
Format	Color
RYB	176, 151, 176
Decimal	11573168
CIELab	65.36, 13.77, -9.58
CIELCh	65, 16.774, 325.162
Yxy	34.4979, 0.3143, 0.2946
Android (android.graphics.Color)	4289763248 (0xFFB097B0)
YUV	161.3250, 7.2348, 12.8700
Hunter-Lab	58.7349, 9.0665, -5.1165

Details

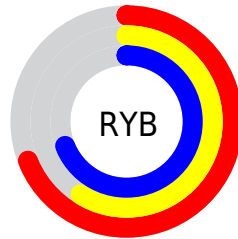
The Yxy color **34.4979, 0.3143, 0.2946** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.8727, 0.3110, 0.3660**, and the grayscale version is **35.7630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6446, 0.3141, 0.3004**, and **14.7554, 0.3148, 0.2849** is the 20% darker color. If you saturate the color by 10%, you get **29.2477, 0.3154, 0.2699**, and if you desaturate by 10%, it is **40.5969, 0.3132, 0.3190**.

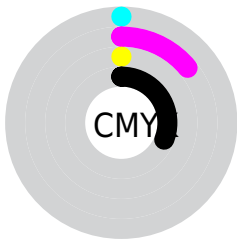
Distribution



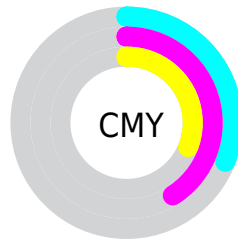
- Red (69%)
- Green (59%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4979, 0.3143, 0.2946 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 34.4979, 0.3143, 0.2946 by changing the saturation by 10% instead.

 34.4979, 0.3143,
0.2946


 34.4979, 0.3143,
0.2946


322.3465, 0.3137,
0.3122

 23.2764, 0.3144,
0.2901


 66.7072, 0.3141,
0.3011

 14.7977, 0.3145,
0.2842


 88.4637, 0.3140,
0.3035

 8.6775, 0.3146,
0.2762


114.5008, 0.3139,
0.3055

 4.5315, 0.3145,
0.2647

145.2026, 0.3139,
0.3073

 1.9751, 0.3141,
0.2470

180.9537, 0.3138,
0.3088

 0.5929, 0.3157,
0.2078


222.1385, 0.3138,

 0.0000, 0.0000,

0.3101


0.0000


269.1413, 0.3137,
0.3112


 34.4979, 0.3143,
0.2946


 34.4979, 0.3143,
0.2946

 29.2477, 0.3154,
0.2699


 40.5969, 0.3132,
0.3190


 24.8045, 0.3165,
0.2457


 47.5752, 0.3121,
0.3425


 21.1296, 0.3176,
0.2229

 55.4674, 0.3111,
0.3648

 18.1794, 0.3185,
0.2022

 64.3049, 0.3101,
0.3855

 15.9060, 0.3193,
0.1847

 74.1174, 0.3092,
0.4047

■ 14.2557, 0.3199,
0.1710

■ 83.8977, 0.3085,
0.4206

■ 13.1666, 0.3203,
0.1615

■ 83.9002, 0.3085,
0.4206

■ 12.5644, 0.3205,
0.1560

■ 83.9027, 0.3085,
0.4206

■ 12.3415, 0.3206,
0.1540

■ 83.9052, 0.3085,
0.4206

Harmonies

Analogous

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



34.4979, 0.2892, 0.2864



34.4979, 0.3143, 0.2946



34.4979, 0.3399, 0.3110

Triad

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



34.4979, 0.3143, 0.2946



34.4979, 0.3555, 0.3695



34.4979, 0.2688, 0.3230

Complementary

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



34.4979, 0.3143, 0.2946



39.8727, 0.3110, 0.3660

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.



34.4979, 0.2853, 0.3476



34.4979, 0.3143, 0.2946



34.4979, 0.3352, 0.3751

Square

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



34.4979, 0.3143, 0.2946



34.4979, 0.3643, 0.3535



34.4979, 0.3095, 0.3672



34.4979, 0.2637, 0.3015

Rectangle

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



34.4979, 0.3143, 0.2946



34.4979, 0.3536, 0.3249



34.4979, 0.3095, 0.3672



34.4979, 0.2732, 0.3312

Sweetspot

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



34.4994, 0.3143, 0.2946



73.7782, 0.3132, 0.3193



31.9863, 0.2904, 0.2926



15.7994, 0.3132, 0.3175



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.4994, 0.3143, 0.2946



59.4551, 0.3147, 0.2870



34.0456, 0.3258, 0.3109



8.6462, 0.3138, 0.3066



9.0542, 0.3206, 0.1540



0.2851, 0.3207, 0.1540

Inverse Universe

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



33.6036, 0.3384, 0.3290



57.5188, 0.3452, 0.3290



40.2828, 0.3014, 0.3478



8.5054, 0.3287, 0.3290



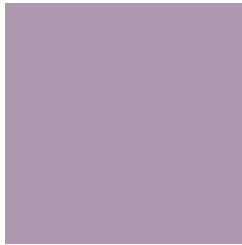
6.7727, 0.6399, 0.3299



0.2132, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 34.4979, 0.3143, 0.2946 looks on a white background.

Color Contrast Check

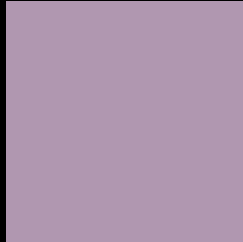
Large Text (above 18pt) WCAG AA × Fail

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 34.4979, 0.3143, 0.2946 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 34.4979, 0.3143, 0.2946

Background



This preview shows how black text looks on a background with the Yxy color 34.4979, 0.3143, 0.2946.



This preview shows how white text looks on a background with the Yxy color 34.4979, 0.3143, 0.2946.

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

34.4979, 0.3143, 0.2946

Protanopia

34.7176, 0.2910, 0.2973

Deuteranopia

34.4218, 0.3064, 0.2993



Tritanopia

34.4977, 0.3225, 0.3122

Trichromacy



Original Color

34.4979, 0.3143, 0.2946

Protanomaly

34.4839, 0.2991, 0.2950

Deuteranomaly

34.4237, 0.3093, 0.2982

Tritanomaly

34.4350, 0.3198, 0.3053

Monochromacy



Original Color

34.4979, 0.3143, 0.2946

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9741, 0.3133, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4979, 0.3143, 0.2946 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(176, 151, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 176)  
}
```

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(176, 151, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 176) }
```

Border

The CSS property to change the border of an element to Yxy 34.4979, 0.3143, 0.2946 is called "border". The border property can be set on classes, ids or directly on the HTML element.

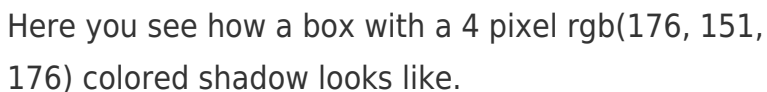
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 151, 176) }
```

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

```
.border{ border-color:rgb(176, 151, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 151, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 151, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 151, 176); box-shadow:4px 4px 4px 4px rgb(176, 151, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4979, 0.3143, 0.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 176) }
```

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

```
.background{ background-color: rgb(176,  
151, 176) }
```

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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