

Converting Colors

$Y_{xy}(43.9718, 0.3075, 0.3128)$

Have a look what the booklet for
Yxy(43.9718, 0.3075, 0.3128)
contains.

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Color

Yxy(43.9511, 0.3074, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFBB
RGB	180, 175, 187
RGB Percent	71%, 69%, 73%
CMY	0.2940, 0.3137, 0.2668
CMYK	0.04, 0.06, 0.00, 0.27
HSL	265°, 8%, 71%
HSV	265°, 6%, 73%
XYZ	43.1234, 43.9511, 53.2099
YIQ	177.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

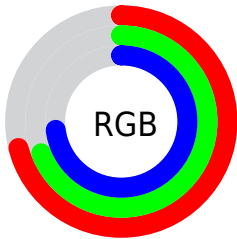
Format	Color
RYB	180, 175, 187
Decimal	11841467
CIELab	72.20, 4.05, -5.47
CIELCh	72, 6.808, 306.502
Yxy	43.9511, 0.3074, 0.3133
Android (android.graphics.Color)	4290031547 (0xFFB4AFBB)
YUV	177.8630, 4.5045, 1.8741
Hunter-Lab	66.2956, 0.0918, -1.1801

Details

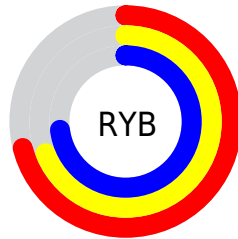
The Yxy color **43.9511, 0.3074, 0.3133** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.5649, 0.3178, 0.3446**, and the grayscale version is **44.4225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4558, 0.3086, 0.3168**, and **20.3992, 0.3053, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **35.9189, 0.2980, 0.2869**, and if you desaturate by 10%, it is **53.0969, 0.3155, 0.3374**.

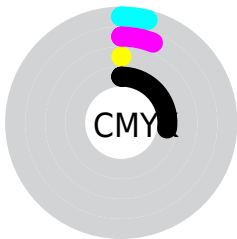
Distribution



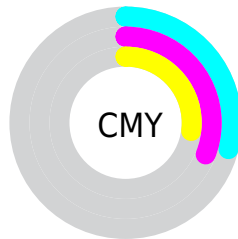
- Red (71%)
- Green (69%)
- Blue (73%)



- Red (71%)
- Yellow (69%)
- Blue (73%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9511, 0.3074, 0.3133 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 43.9511, 0.3074, 0.3133 by changing the saturation by 10% instead.

■ 43.9511, 0.3074,
0.3133

■ 43.9511, 0.3074,
0.3133

362.5087, 0.3101,
0.3212

■ 30.6321, 0.3067,
0.3113

■ 81.1442, 0.3084,
0.3162

■ 20.3188, 0.3058,
0.3088

105.7870, 0.3088,
0.3172

■ 12.6270, 0.3046,
0.3054

134.9732, 0.3091,
0.3181

■ 7.1722, 0.3028,
0.3007

169.0871, 0.3093,
0.3189

■ 3.5700, 0.3002,
0.2936

208.5133, 0.3096,
0.3196

■ 1.4361, 0.2956,
0.2818

253.6360, 0.3098,

■ 0.2431, 0.2704,

0.3202

0.1992

304.8397, 0.3100,
0.3207

0.0000, 0.0000,
0.0000

43.9511, 0.3074,
0.3133

43.9511, 0.3074,
0.3133

35.9189, 0.2980,
0.2869

53.0969, 0.3155,
0.3374

28.9512, 0.2871,
0.2585

63.3916, 0.3223,
0.3591

23.0035, 0.2749,
0.2285

74.8762, 0.3281,
0.3785

18.0258, 0.2613,
0.1980

87.5876, 0.3329,
0.3958

13.9639, 0.2469,
0.1681

92.6511, 0.3393,
0.3991

■ 10.7582, 0.2320,
0.1403

■ 94.5486, 0.3465,
0.3974

■ 8.3415, 0.2173,
0.1163

■ 96.3668, 0.3532,
0.3959

■ 6.6361, 0.2036,
0.0975

■ 5.5406, 0.1916,
0.0846

Harmonies

Analogous

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



43.9511, 0.2991, 0.3128



43.9511, 0.3074, 0.3133



43.9511, 0.3172, 0.3178

Triad

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



43.9511, 0.3074, 0.3133



43.9511, 0.3313, 0.3412



43.9511, 0.2996, 0.3327

Complementary

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



43.9511, 0.3074, 0.3133



48.5649, 0.3178, 0.3446

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.



43.9511, 0.3080, 0.3406



43.9511, 0.3074, 0.3133



43.9511, 0.3264, 0.3455

Square

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



43.9511, 0.3074, 0.3133



43.9511, 0.3311, 0.3338



43.9511, 0.3178, 0.3453



43.9511, 0.2947, 0.3238

Rectangle

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



43.9511, 0.3074, 0.3133



43.9511, 0.3233, 0.3226



43.9511, 0.3178, 0.3453



43.9511, 0.3021, 0.3355

Sweetspot

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



43.9530, 0.3074, 0.3133



85.6558, 0.3111, 0.3241



46.1510, 0.3030, 0.3224



18.8999, 0.3112, 0.3244



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.



43.9530, 0.3074, 0.3133



76.1202, 0.3059, 0.3089



44.6833, 0.3126, 0.3136



9.4156, 0.3048, 0.3057



3.6407, 0.1888, 0.0814



0.1811, 0.2170, 0.0969

Inverse Universe

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



44.5974, 0.3176, 0.3200



77.5750, 0.3190, 0.3175



47.8554, 0.3128, 0.3449



9.6268, 0.3200, 0.3158



8.0485, 0.4600, 0.2308



0.3281, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 43.9511, 0.3074, 0.3133 looks on a white background.

Color Contrast Check

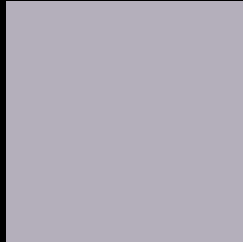
Large Text (above 18pt) WCAG AA × Fail

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 43.9511, 0.3074, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

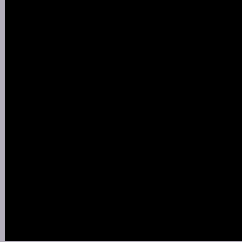
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

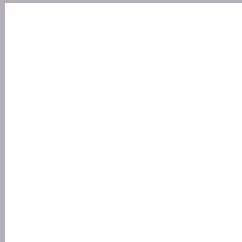
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9511, 0.3074, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 43.9511, 0.3074, 0.3133.

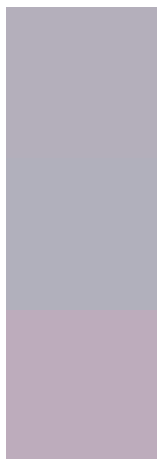


This preview shows how white text looks on a background with the Yxy color 43.9511, 0.3074, 0.3133.

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

43.9511, 0.3074, 0.3133

Protanopia

44.0286, 0.3040, 0.3132

Deuteranopia

43.9547, 0.3146, 0.3085



Tritanopia

44.0374, 0.3058, 0.3107

Trichromacy



Original Color

43.9511, 0.3074, 0.3133

Protanomaly

44.1465, 0.3048, 0.3132

Deuteranomaly

43.9571, 0.3119, 0.3097

Tritanomaly

43.9941, 0.3066, 0.3120

Monochromacy



Original Color

43.9511, 0.3074, 0.3133

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3642, 0.3112, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9511, 0.3074, 0.3133 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(180, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 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(180, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.9511, 0.3074, 0.3133 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(180, 175, 187) }
```

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

```
.border{ border-color:rgb(180, 175, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9511, 0.3074, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 187) }
```

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

```
.background{ background-color: rgb(180,  
175, 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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