

Converting Colors

$Yxy(46.9063, 0.3069, 0.3245)$

Have a look what the booklet for
Yxy(46.9063, 0.3069, 0.3245)
contains.

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Color

Yxy(46.9958, 0.3070, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B3B7BA
RGB	179, 183, 186
RGB Percent	70%, 72%, 73%
CMY	0.2982, 0.2823, 0.2706
CMYK	0.04, 0.02, 0.00, 0.27
HSL	205°, 5%, 72%
HSV	205°, 4%, 73%
XYZ	44.3793, 46.9958, 53.1829
YIQ	182.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

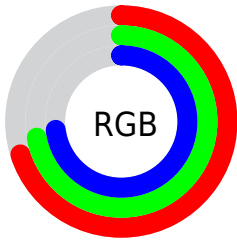
Format	Color
RYB	179, 182, 186
Decimal	11777978
CIELab	74.19, -0.84, -2.01
CIELCh	74, 2.180, 247.353
Yxy	46.9958, 0.3070, 0.3251
Android (android.graphics.Color)	4289968058 (0xFFB3B7BA)
YUV	182.1460, 1.9000, -2.7590
Hunter-Lab	68.5535, -4.4135, 1.9910

Details

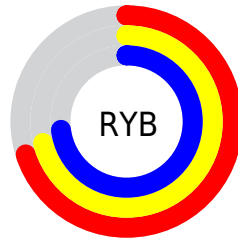
The Yxy color **46.9958, 0.3070, 0.3251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1225, 0.3186, 0.3329**, and the grayscale version is **46.8514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8060, 0.3083, 0.3259**, and **22.0943, 0.3050, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **41.7708, 0.2916, 0.3140**, and if you desaturate by 10%, it is **52.7055, 0.3219, 0.3351**.

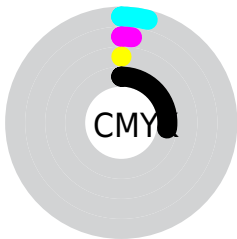
Distribution



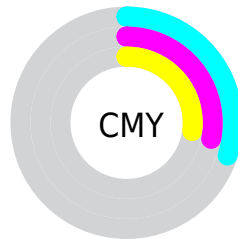
- Red (70%)
- Green (72%)
- Blue (73%)



- Red (70%)
- Yellow (71%)
- Blue (73%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9958, 0.3070, 0.3251 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 46.9958, 0.3070, 0.3251 by changing the saturation by 10% instead.

■ 46.9958, 0.3070,
0.3251

■ 46.9958, 0.3070,
0.3251

374.7978, 0.3099,
0.3271

■ 33.0323, 0.3063,
0.3246

■ 85.7074, 0.3080,
0.3258

■ 22.1512, 0.3054,
0.3240

111.2242, 0.3084,
0.3261

■ 13.9681, 0.3042,
0.3231

141.3610, 0.3088,
0.3263

■ 8.0984, 0.3025,
0.3220

176.5022, 0.3090,
0.3265

■ 4.1580, 0.2999,
0.3202

217.0320, 0.3093,
0.3267

■ 1.7623, 0.2957,
0.3172

263.3350, 0.3095,

■ 0.4635, 0.2747,

0.3268

0.3032

315.7954, 0.3097,
0.3269

0.0000, 0.0000,
0.0000

46.9958, 0.3070,
0.3251

46.9958, 0.3070,
0.3251

41.7708, 0.2916,
0.3140

52.7055, 0.3219,
0.3351

37.0097, 0.2759,
0.3017

58.9081, 0.3363,
0.3439

32.6987, 0.2603,
0.2883

65.6188, 0.3499,
0.3517

28.8212, 0.2450,
0.2738

72.8507, 0.3627,
0.3586

25.3592, 0.2305,
0.2584

77.2567, 0.3619,
0.3663

■ 22.2932, 0.2172,
0.2424

■ 81.5482, 0.3598,
0.3739

■ 19.6015, 0.2055,
0.2260

■ 86.0379, 0.3579,
0.3814

■ 17.2597, 0.1958,
0.2097

■ 90.7282, 0.3559,
0.3888

■ 15.2389, 0.1884,
0.1937

■ 95.6217, 0.3540,
0.3959

Harmonies

Analogous

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



46.9958, 0.3070, 0.3274



46.9958, 0.3070, 0.3251



46.9958, 0.3085, 0.3239

Triad

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



46.9958, 0.3070, 0.3251



46.9958, 0.3169, 0.3279



46.9958, 0.3143, 0.3340

Complementary

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



46.9958, 0.3070, 0.3251



47.1225, 0.3186, 0.3329

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.



46.9958, 0.3169, 0.3342



46.9958, 0.3070, 0.3251



46.9958, 0.3185, 0.3306

Square

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



46.9958, 0.3070, 0.3251



46.9958, 0.3142, 0.3255



46.9958, 0.3185, 0.3329



46.9958, 0.3112, 0.3325

Rectangle

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



46.9958, 0.3070, 0.3251



46.9958, 0.3102, 0.3238



46.9958, 0.3185, 0.3329



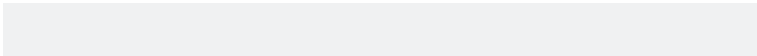
46.9958, 0.3152, 0.3342

Sweetspot

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



46.9978, 0.3070, 0.3251



87.9644, 0.3112, 0.3280



48.0676, 0.3100, 0.3343



19.3828, 0.3113, 0.3280



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.



46.9978, 0.3070, 0.3251



83.9103, 0.3050, 0.3237



45.5839, 0.3071, 0.3205



9.9844, 0.3042, 0.3232



9.6448, 0.1850, 0.1860



0.4598, 0.1963, 0.2268

Inverse Universe

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



46.0826, 0.3155, 0.3238



81.7132, 0.3165, 0.3219



48.5607, 0.3182, 0.3373



9.6965, 0.3170, 0.3212



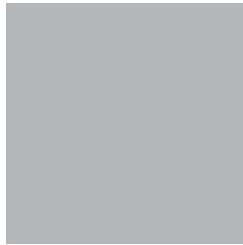
7.7560, 0.4614, 0.2315



0.2855, 0.4160, 0.2065

Previews

White Background



This preview shows how the Yxy color 46.9958, 0.3070, 0.3251 looks on a white background.

Color Contrast Check

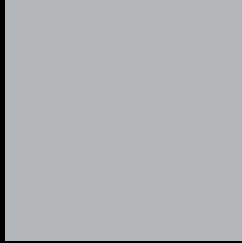
Large Text (above 18pt) WCAG AA × Fail

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 46.9958, 0.3070, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

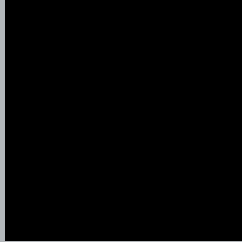
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

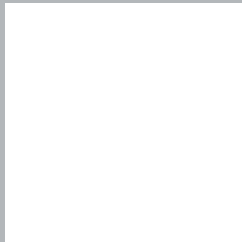
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.9958, 0.3070, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 46.9958, 0.3070, 0.3251.



This preview shows how white text looks on a background with the Yxy color 46.9958, 0.3070, 0.3251.

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

46.9958, 0.3070, 0.3251

Protanopia

46.8648, 0.3130, 0.3239

Deuteranopia

47.0379, 0.3229, 0.3166



Tritanopia

46.8570, 0.3011, 0.3098

Trichromacy



Original Color

46.9958, 0.3070, 0.3251

Protanomaly

47.0260, 0.3112, 0.3251

Deuteranomaly

46.9044, 0.3166, 0.3189

Tritanomaly

46.9650, 0.3033, 0.3161

Monochromacy



Original Color

46.9958, 0.3070, 0.3251

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6986, 0.3111, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9958, 0.3070, 0.3251 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(179, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 183, 186)  
}
```

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(179, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 46.9958, 0.3070, 0.3251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

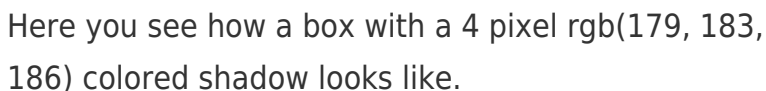
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 183, 186) }
```

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

```
.border{ border-color:rgb(179, 183, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 183,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9958, 0.3070, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 183, 186) }
```

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

```
.background{ background-color: rgb(179,  
183, 186) }
```

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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