

Converting Colors

$Yxy(48.5778, 0.3010, 0.3143)$

Have a look what the booklet for
Yxy(48.5778, 0.3010, 0.3143)
contains.

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Color

Yxy(48.5529, 0.3003, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9C5
RGB	181, 185, 197
RGB Percent	71%, 73%, 77%
CMY	0.2903, 0.2745, 0.2275
CMYK	0.08, 0.06, 0.00, 0.23
HSL	225°, 12%, 74%
HSV	225°, 8%, 77%
XYZ	46.4789, 48.5529, 59.7431
YIQ	185.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

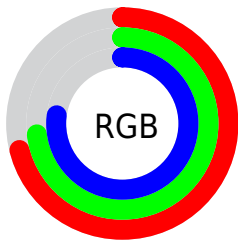
Format	Color
R_{YB}	181, 184, 197
Decimal	11909573
CIE _{Lab}	75.17, 0.94, -6.54
CIE _{LCh}	75, 6.607, 278.152
Yxy	48.5529, 0.3003, 0.3137
Android (android.graphics.Color)	4290099653 (0xFFB5B9C5)
YUV	185.1720, 5.8312, -3.6588
Hunter-Lab	69.6799, -2.8742, -2.0589

Details

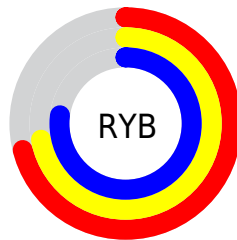
The Yxy color $48.5529, 0.3003, 0.3137$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.3304, 0.3251, 0.3439$, and the grayscale version is $48.5853, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.0709, 0.3024, 0.3160$, and $23.0749, 0.2969, 0.3099$ is the 20% darker color. If you saturate the color by 10%, you get $40.4878, 0.2838, 0.2927$, and if you desaturate by 10%, it is $57.5984, 0.3154, 0.3323$.

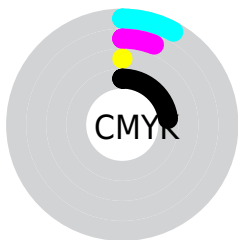
Distribution



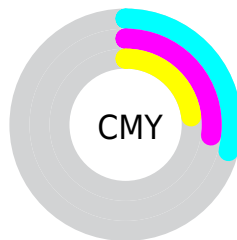
- Red (71%)
- Green (73%)
- Blue (77%)



- Red (71%)
- Yellow (72%)
- Blue (77%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (29%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5529, 0.3003, 0.3137 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 48.5529, 0.3003, 0.3137 by changing the saturation by 10% instead.

■ 48.5529, 0.3003,
0.3137

■ 48.5529, 0.3003,
0.3137

380.9795, 0.3065,
0.3213

■ 34.2649, 0.2988,
0.3118

■ 88.0270, 0.3025,
0.3164

■ 23.0972, 0.2968,
0.3094

113.9820, 0.3034,
0.3175

■ 14.6653, 0.2942,
0.3063

144.5948, 0.3041,
0.3183

■ 8.5848, 0.2906,
0.3019

180.2498, 0.3047,
0.3191

■ 4.4714, 0.2853,
0.2955

221.3314, 0.3052,
0.3197

■ 1.9406, 0.2767,
0.2851

268.2239, 0.3057,

■ 0.5726, 0.2549,

0.3203

0.2573

321.3118, 0.3061,
0.3208

0.0000, 0.0000,
0.0000

48.5529, 0.3003,
0.3137

48.5529, 0.3003,
0.3137

40.4878, 0.2838,
0.2927

57.5984, 0.3154,
0.3323

33.3635, 0.2662,
0.2694

67.6499, 0.3292,
0.3486

27.1466, 0.2477,
0.2438

78.7397, 0.3416,
0.3629

21.7994, 0.2289,
0.2166

89.9793, 0.3494,
0.3758

17.2815, 0.2106,
0.1884

96.8111, 0.3472,
0.3860

■ 13.5490, 0.1935,
0.1604

■ 10.5537, 0.1788,
0.1340

■ 8.2413, 0.1673,
0.1107

■ 6.5409, 0.1592,
0.0916

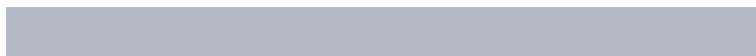
Harmonies

Analogous

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



48.5529, 0.2957, 0.3171



48.5529, 0.3003, 0.3137



48.5529, 0.3082, 0.3144

Triad

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



48.5529, 0.3003, 0.3137



48.5529, 0.3301, 0.3339



48.5529, 0.3078, 0.3395

Complementary

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



48.5529, 0.3003, 0.3137



53.3304, 0.3251, 0.3439

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.



48.5529, 0.3170, 0.3442



48.5529, 0.3003, 0.3137



48.5529, 0.3300, 0.3407

Square

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



48.5529, 0.3003, 0.3137



48.5529, 0.3255, 0.3259



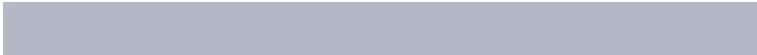
48.5529, 0.3252, 0.3446



48.5529, 0.3000, 0.3320

Rectangle

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



48.5529, 0.3003, 0.3137



48.5529, 0.3144, 0.3170



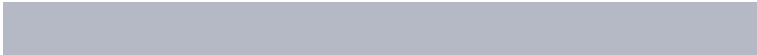
48.5529, 0.3252, 0.3446



48.5529, 0.3109, 0.3415

Sweetspot

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



48.5549, 0.3003, 0.3137



96.6346, 0.3097, 0.3253



53.5908, 0.3033, 0.3344



20.7191, 0.3099, 0.3255



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.



48.5549, 0.3003, 0.3137



83.9040, 0.2971, 0.3097



47.3497, 0.3034, 0.3087



10.7141, 0.2983, 0.3112



4.2425, 0.1585, 0.0906



0.3206, 0.1702, 0.1326

Inverse Universe

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



48.4127, 0.3233, 0.3240



83.6271, 0.3262, 0.3227



54.6385, 0.3216, 0.3489



10.6800, 0.3251, 0.3232



7.9683, 0.5903, 0.3025



0.3894, 0.5291, 0.2688

Previews

White Background



This preview shows how the Yxy color 48.5529, 0.3003, 0.3137 looks on a white background.

Color Contrast Check

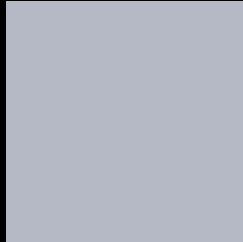
Large Text (above 18pt) WCAG AA × Fail

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 48.5529, 0.3003, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

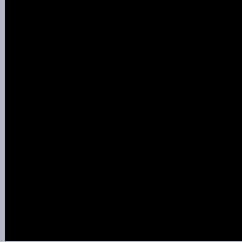
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

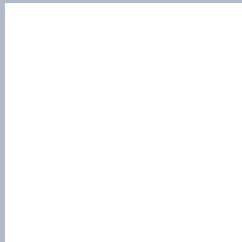
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5529, 0.3003, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 48.5529, 0.3003, 0.3137.

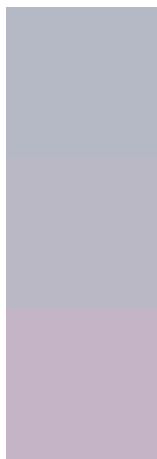


This preview shows how white text looks on a background with the Yxy color 48.5529, 0.3003, 0.3137.

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

48.5529, 0.3003, 0.3137

Protanopia

48.5808, 0.3043, 0.3138

Deuteranopia

48.5901, 0.3129, 0.3069



Tritanopia

48.6452, 0.2988, 0.3112

Trichromacy



Original Color

48.5529, 0.3003, 0.3137

Protanomaly

48.4568, 0.3035, 0.3138

Deuteranomaly

48.6095, 0.3078, 0.3091

Tritanomaly

48.5989, 0.2996, 0.3124

Monochromacy



Original Color

48.5529, 0.3003, 0.3137

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5624, 0.3088, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5529, 0.3003, 0.3137 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(181, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 197)  
}
```

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(181, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 197) }
```

Border

The CSS property to change the border of an element to Yxy 48.5529, 0.3003, 0.3137 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(181, 185, 197) }
```

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

```
.border{ border-color:rgb(181, 185, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 185, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5529, 0.3003, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 197) }
```

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

```
.background{ background-color: rgb(181,  
185, 197) }
```

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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