

# Converting Colors

$Yxy(58.0373, 0.3071, 0.3540)$

Have a look what the booklet for  
Yxy(58.0373, 0.3071, 0.3540)  
contains.

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# Color

**Yxy(58.0373, 0.3071, 0.3540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5CFBB
RGB	181, 207, 187
RGB Percent	71%, 81%, 73%
CMY	0.2900, 0.1883, 0.2667
CMYK	0.13, 0.00, 0.10, 0.19
HSL	134°, 21%, 76%
HSV	134°, 13%, 81%
XYZ	50.3482, 58.0373, 55.5617
YIQ	196.9460, -9.0760, -11.7320

# Conversions

## Conversions Part 2

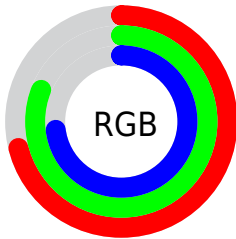
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 202, 207
Decimal	11915195
CIELab	80.76, -12.50, 7.01
CIELCh	81, 14.333, 150.742
Yxy	58.0373, 0.3071, 0.3540
Android (android.graphics.Color)	4290105275 (0xFFB5CFBB)
YUV	196.9460, -4.9034, -13.9846
Hunter-Lab	76.1822, -15.3497, 10.0858

# Details

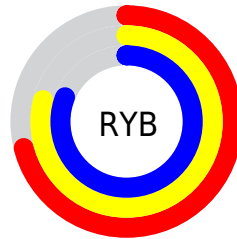
The Yxy color **58.0373, 0.3071, 0.3540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.5544, 0.3189, 0.3052**, and the grayscale version is **55.8415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9956, 0.3085, 0.3409**, and **29.0929, 0.3053, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **55.0737, 0.3026, 0.3768**, and if you desaturate by 10%, it is **61.4535, 0.3116, 0.3337**.

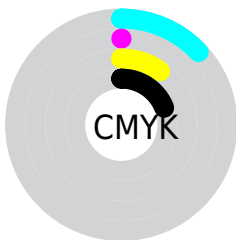
# Distribution



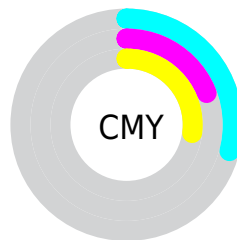
- Red (71%)
- Green (81%)
- Blue (73%)



- Red (71%)
- Yellow (79%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)




- Cyan (29%)
- Magenta (19%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0373, 0.3071, 0.3540 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 58.0373, 0.3071, 0.3540 by changing the saturation by 10% instead.




 58.0373, 0.3071,  
0.3540

 58.0373, 0.3071,  
0.3540


417.3249, 0.3099,  
0.3417

 41.8386, 0.3064,  
0.3570


 101.9772, 0.3081,  
0.3496

 28.9750, 0.3055,  
0.3608


130.4872, 0.3085,  
0.3479

 19.0619, 0.3043,  
0.3658


163.8697, 0.3088,  
0.3465

 11.7150, 0.3026,  
0.3727

202.5093, 0.3091,  
0.3453

 6.5499, 0.3001,  
0.3827

246.7902, 0.3094,  
0.3442

 3.1823, 0.2960,  
0.3986

297.0968, 0.3096,

 1.2276, 0.2889,

0.3433

0.4290

353.8136, 0.3097,  
0.3425

0.0841, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

58.0373, 0.3071,  
0.3540

58.0373, 0.3071,  
0.3540

55.0737, 0.3026,  
0.3768

61.4535, 0.3116,  
0.3337

52.5366, 0.2984,  
0.4021

65.3326, 0.3160,  
0.3159

50.4083, 0.2946,  
0.4295

69.6939, 0.3202,  
0.3004

48.6669, 0.2916,  
0.4583

72.8351, 0.3178,  
0.2860

■ 47.2887, 0.2895,  
0.4876

■ 73.1012, 0.3149,  
0.2821

■ 46.2470, 0.2888,  
0.5158

■ 45.5115, 0.2894,  
0.5415

■ 45.0462, 0.2914,  
0.5630

■ 44.8300, 0.2933,  
0.5759

# Harmonies

## Analogous

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



58.0373, 0.3258, 0.3615



58.0373, 0.3071, 0.3540



58.0373, 0.2903, 0.3392

# Triad

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



58.0373, 0.3071, 0.3540



58.0373, 0.2844, 0.2989



58.0373, 0.3470, 0.3346

# Complementary

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



58.0373, 0.3071, 0.3540



50.5544, 0.3189, 0.3052

# 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.



58.0373, 0.3353, 0.3188



58.0373, 0.3071, 0.3540



58.0373, 0.2990, 0.2985

# Square

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



58.0373, 0.3071, 0.3540



58.0373, 0.2775, 0.3071



58.0373, 0.3176, 0.3058



58.0373, 0.3492, 0.3495



# Rectangle

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



58.0373, 0.3071, 0.3540



58.0373, 0.2823, 0.3275



58.0373, 0.3176, 0.3058



58.0373, 0.3441, 0.3292

# Sweetspot

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



58.0398, 0.3071, 0.3540



97.6204, 0.3109, 0.3367



60.4289, 0.3269, 0.3601



20.8019, 0.3106, 0.3381



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

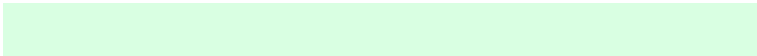


# Same Dimension

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



58.0398, 0.3071, 0.3540



91.6979, 0.3059, 0.3598



58.6054, 0.2986, 0.3380



13.2500, 0.3085, 0.3474



28.2598, 0.2927, 0.5738



1.5926, 0.2827, 0.5377



# Inverse Universe

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



50.5544, 0.3189, 0.3052



77.4252, 0.3203, 0.3000



49.9835, 0.3292, 0.3202



11.9608, 0.3172, 0.3113



9.9623, 0.3884, 0.1913

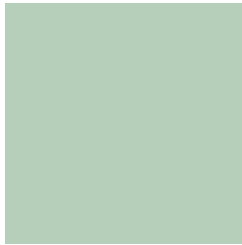


0.5686, 0.3736, 0.1832



# Previews

## White Background



This preview shows how the Yxy color 58.0373, 0.3071, 0.3540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

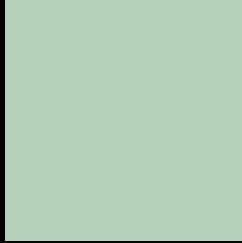
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.0373, 0.3071, 0.3540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

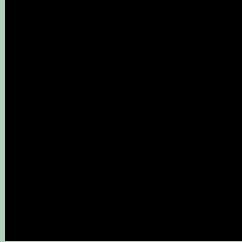
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

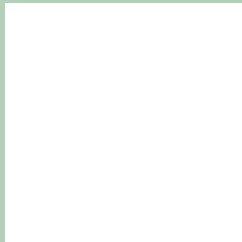
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 58.0373, 0.3071, 0.3540**

## **Background**



This preview shows how black text looks on a background with the Yxy color 58.0373, 0.3071, 0.3540.

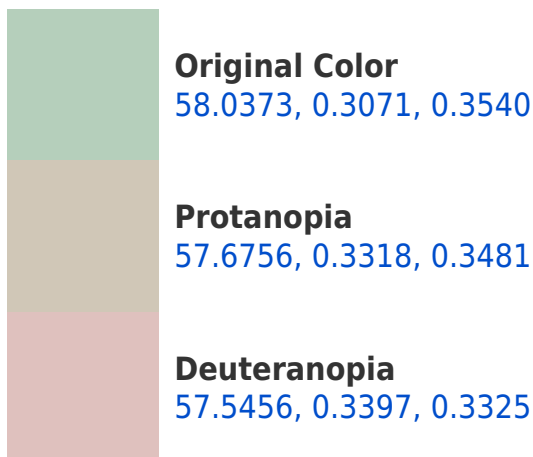


This preview shows how white text looks on a background with the Yxy color 58.0373, 0.3071, 0.3540.

# 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





## Tritanopia

57.7421, 0.2898, 0.3098

# Trichromacy



## Original Color

58.0373, 0.3071, 0.3540

## Protanomaly

57.7075, 0.3226, 0.3509

## Deuteranomaly

57.4722, 0.3274, 0.3397

## Tritanomaly

57.8811, 0.2957, 0.3253

# Monochromacy



## Original Color

58.0373, 0.3071, 0.3540

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

56.6999, 0.3107, 0.3388

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.0373, 0.3071, 0.3540 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, 207, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 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(181, 207, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 58.0373, 0.3071, 0.3540 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, 207, 187) }
```

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

```
.border{ border-color:rgb(181, 207, 187) }
```

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

Here you see how a box with a 4 pixel rgb(181, 207, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
187) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.0373, 0.3071, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 187) }
```

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

```
.background{ background-color: rgb(181,  
207, 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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