

# Converting Colors

Yxy(54.0614, 0.3051, 0.3430)

Have a look what the booklet for  
Yxy(54.0614, 0.3051, 0.3430)  
contains.

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# Color

**Yxy(54.0614, 0.3051, 0.3430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C7BC
RGB	179, 199, 188
RGB Percent	70%, 78%, 74%
CMY	0.2981, 0.2196, 0.2628
CMYK	0.10, 0.00, 0.06, 0.22
HSL	147°, 15%, 74%
HSV	147°, 10%, 78%
XYZ	48.0879, 54.0614, 55.4642
YIQ	191.7660, -8.3890, -7.6610

# Conversions

## Conversions Part 2

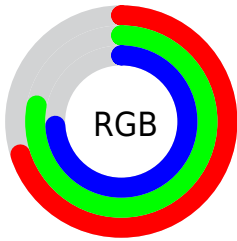
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 193, 199
Decimal	11782076
CIELab	78.50, -8.90, 3.20
CIELCh	78, 9.459, 160.234
Yxy	54.0614, 0.3051, 0.3430
Android (android.graphics.Color)	4289972156 (0xFFB3C7BC)
YUV	191.7660, -1.8566, -11.1958
Hunter-Lab	73.5265, -11.9285, 6.7435

# Details

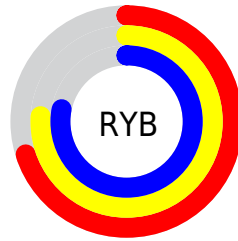
The Yxy color **54.0614, 0.3051, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1003, 0.3211, 0.3154**, and the grayscale version is **52.5833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7138, 0.3067, 0.3399**, and **26.4357, 0.3026, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **51.4060, 0.2977, 0.3586**, and if you desaturate by 10%, it is **57.0996, 0.3127, 0.3291**.

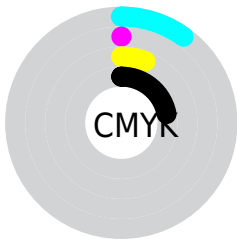
# Distribution



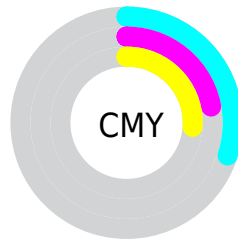
- Red (70%)
- Green (78%)
- Blue (74%)



- Red (70%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0614, 0.3051, 0.3430 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 54.0614, 0.3051, 0.3430 by changing the saturation by 10% instead.



■ 54.0614, 0.3051,  
0.3430

■ 54.0614, 0.3051,  
0.3430

402.3441, 0.3089,  
0.3361

■ 38.6508, 0.3042,  
0.3447

■ 96.1644, 0.3065,  
0.3405

■ 26.4881, 0.3030,  
0.3469

123.6255, 0.3070,  
0.3396

■ 17.1892, 0.3015,  
0.3497

155.8723, 0.3074,  
0.3388

■ 10.3695, 0.2993,  
0.3536

193.2890, 0.3078,  
0.3381

■ 5.6446, 0.2962,  
0.3594

236.2602, 0.3081,  
0.3375

■ 2.6302, 0.2912,  
0.3687

285.1702, 0.3084,

■ 0.9419, 0.2798,

0.3370

0.3893

340.4033, 0.3086,  
0.3365

0.0000, 0.0000,  
0.0000

54.0614, 0.3051,  
0.3430

54.0614, 0.3051,  
0.3430

51.4060, 0.2977,  
0.3586

57.0996, 0.3127,  
0.3291

49.1110, 0.2907,  
0.3758

60.5281, 0.3202,  
0.3167

47.1624, 0.2845,  
0.3946


64.3630, 0.3277,  
0.3059

45.5423, 0.2792,  
0.4148

67.9284, 0.3321,  
0.2960

44.2313, 0.2753,  
0.4359


68.5708, 0.3240,  
0.2855

 43.2079, 0.2730,  
0.4575

 69.2528, 0.3161,  
0.2753

 42.4477, 0.2727,  
0.4789

 69.3307, 0.3153,  
0.2742

 41.9218, 0.2743,  
0.4994

 41.5774, 0.2773,  
0.5184

# Harmonies

## Analogous

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



54.0614, 0.3177, 0.3498



54.0614, 0.3051, 0.3430



54.0614, 0.2946, 0.3323

# Triad

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



54.0614, 0.3051, 0.3430



54.0614, 0.2962, 0.3078



54.0614, 0.3370, 0.3364

# Complementary

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



54.0614, 0.3051, 0.3430



48.1003, 0.3211, 0.3154

# 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.



54.0614, 0.3310, 0.3255



54.0614, 0.3051, 0.3430



54.0614, 0.3073, 0.3092

# Square

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



54.0614, 0.3051, 0.3430



54.0614, 0.2896, 0.3120



54.0614, 0.3201, 0.3156



54.0614, 0.3363, 0.3457



# Rectangle

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



54.0614, 0.3051, 0.3430



54.0614, 0.2902, 0.3245



54.0614, 0.3201, 0.3156



54.0614, 0.3357, 0.3328

# Sweetspot

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



54.0637, 0.3051, 0.3430



98.3093, 0.3104, 0.3331



55.0956, 0.3205, 0.3540



20.9478, 0.3098, 0.3342



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

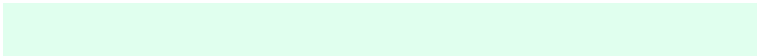


# Same Dimension

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



54.0637, 0.3051, 0.3430



93.6123, 0.3035, 0.3462



54.4960, 0.2983, 0.3306



11.9657, 0.3056, 0.3420



26.7499, 0.2766, 0.5159



1.2812, 0.2653, 0.4750



# Inverse Universe

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



48.1003, 0.3211, 0.3154



81.1533, 0.3231, 0.3124



47.6902, 0.3291, 0.3274



10.7331, 0.3205, 0.3163



8.5449, 0.4726, 0.2377



0.4191, 0.4326, 0.2157



# Previews

## White Background



This preview shows how the Yxy color 54.0614, 0.3051, 0.3430 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

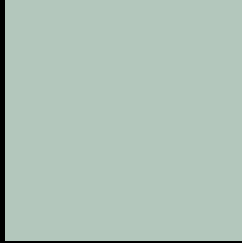
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.0614, 0.3051, 0.3430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

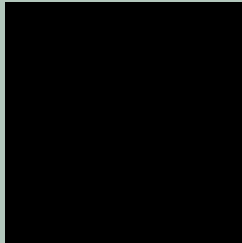
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

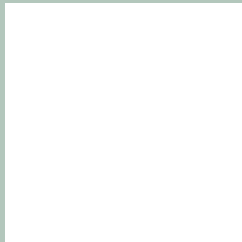
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.0614, 0.3051, 0.3430**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.0614, 0.3051, 0.3430.



This preview shows how white text looks on a background with the Yxy color 54.0614, 0.3051, 0.3430.

# 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

54.0614, 0.3051, 0.3430

### Protanopia

53.9221, 0.3245, 0.3388

### Deuteranopia

53.9803, 0.3329, 0.3267



## Tritanopia

54.2503, 0.2921, 0.3106

# Trichromacy



## Original Color

54.0614, 0.3051, 0.3430

## Protanomaly

53.7819, 0.3170, 0.3402

## Deuteranomaly

53.7909, 0.3224, 0.3327

## Tritanomaly

54.1894, 0.2969, 0.3215

# Monochromacy



## Original Color

54.0614, 0.3051, 0.3430

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

53.3566, 0.3093, 0.3340

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.0614, 0.3051, 0.3430 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, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 188)  
}
```

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, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 188) }
```

## Border

The CSS property to change the border of an element to Yxy 54.0614, 0.3051, 0.3430 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, 199, 188) }
```

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

```
.border{ border-color:rgb(179, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
188) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.0614, 0.3051, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 188) }
```

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

```
.background{ background-color: rgb(179,  
199, 188) }
```

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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