

# Converting Colors

Yxy(54.4614, 0.3067, 0.3465)

Have a look what the booklet for  
Yxy(54.4614, 0.3067, 0.3465)  
contains.

<b>Yxy(54.4374, 0.3065, 0.3468)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(54.4374, 0.3065, 0.3468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C8BA
RGB	179, 200, 186
RGB Percent	70%, 78%, 73%
CMY	0.2979, 0.2157, 0.2706
CMYK	0.10, 0.00, 0.07, 0.22
HSL	140°, 16%, 74%
HSV	140°, 10%, 78%
XYZ	48.1115, 54.4374, 54.4217
YIQ	192.1250, -8.0220, -8.8060

# Conversions

## Conversions Part 2

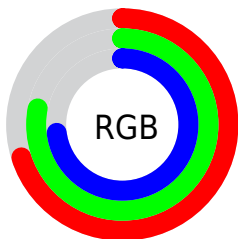
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 195, 200
Decimal	11782330
CIELab	78.72, -9.78, 4.58
CIELCh	79, 10.799, 154.890
Yxy	54.4374, 0.3065, 0.3468
Android (android.graphics.Color)	4289972410 (0xFFB3C8BA)
YUV	192.1250, -3.0196, -11.5106
Hunter-Lab	73.7817, -12.7219, 7.9146

# Details

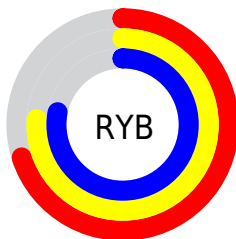
The Yxy color  $54.4374, 0.3065, 0.3468$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $48.3822, 0.3195, 0.3118$ , and the grayscale version is  $52.8139, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $95.5930, 0.3078, 0.3419$ , and  $26.6868, 0.3045, 0.3515$  is the 20% darker color. If you saturate the color by 10%, you get  $51.6847, 0.3007, 0.3659$ , and if you desaturate by 10%, it is  $57.5935, 0.3124, 0.3298$ .

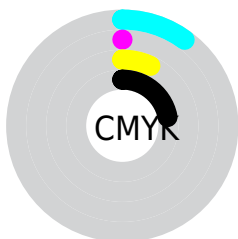
# Distribution



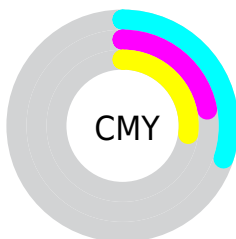
- Red (70%)
- Green (78%)
- Blue (73%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4374, 0.3065, 0.3468 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 54.4374, 0.3065, 0.3468 by changing the saturation by 10% instead.





 54.4374, 0.3065,  
0.3468

 54.4374, 0.3065,  
0.3468

403.7758, 0.3096,  
0.3380

 38.9515, 0.3057,  
0.3490


 96.7162, 0.3076,  
0.3436

 26.7220, 0.3048,  
0.3517


124.2778, 0.3080,  
0.3424

 17.3645, 0.3035,  
0.3554

156.6334, 0.3084,  
0.3414

 10.4947, 0.3017,  
0.3604

194.1675, 0.3087,  
0.3406

 5.7282, 0.2990,  
0.3678

237.2644, 0.3090,  
0.3398

 2.6805, 0.2947,  
0.3797

286.3084, 0.3092,

 0.9673, 0.2855,

0.3391

0.4071

341.6841, 0.3094,  
0.3385

0.0000, 0.0000,  
0.0000

54.4374, 0.3065,  
0.3468

54.4374, 0.3065,  
0.3468

51.6847, 0.3007,  
0.3659

57.5935, 0.3124,  
0.3298

49.3121, 0.2951,  
0.3872

61.1613, 0.3183,  
0.3148

47.3047, 0.2901,  
0.4103

65.1577, 0.3240,  
0.3016

45.6436, 0.2860,  
0.4351

68.8246, 0.3264,  
0.2897

44.3083, 0.2831,  
0.4607

69.6454, 0.3168,  
0.2772

■ 43.2760, 0.2816,  
0.4865

■ 69.7878, 0.3152,  
0.2752

■ 42.5211, 0.2819,  
0.5112

■ 42.0131, 0.2838,  
0.5338

■ 41.7062, 0.2868,  
0.5525

# Harmonies

## Analogous

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



54.4374, 0.3209, 0.3535



54.4374, 0.3065, 0.3468



54.4374, 0.2939, 0.3350

# Triad

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



54.4374, 0.3065, 0.3468



54.4374, 0.2921, 0.3053



54.4374, 0.3398, 0.3352

# Complementary

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



54.4374, 0.3065, 0.3468



48.3822, 0.3195, 0.3118

# 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.



54.4374, 0.3317, 0.3228



54.4374, 0.3065, 0.3468



54.4374, 0.3041, 0.3058

# Square

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



54.4374, 0.3065, 0.3468



54.4374, 0.2858, 0.3110



54.4374, 0.3185, 0.3122



54.4374, 0.3404, 0.3463



# Rectangle

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



54.4374, 0.3065, 0.3468



54.4374, 0.2882, 0.3262



54.4374, 0.3185, 0.3122



54.4374, 0.3378, 0.3310

# Sweetspot

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



54.4397, 0.3065, 0.3468



98.2531, 0.3109, 0.3339



55.9481, 0.3228, 0.3550



20.9327, 0.3104, 0.3353



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

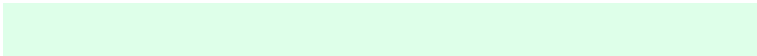


# Same Dimension

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



54.4397, 0.3065, 0.3468



92.9012, 0.3049, 0.3518



54.8873, 0.2994, 0.3338



11.9450, 0.3072, 0.3448



26.5338, 0.2861, 0.5500



1.2699, 0.2739, 0.5060



# Inverse Universe

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



48.3822, 0.3195, 0.3118



79.9539, 0.3215, 0.3073



47.9441, 0.3279, 0.3243



10.7544, 0.3187, 0.3137



8.9116, 0.4257, 0.2119



0.4350, 0.3986, 0.1970



# Previews

## White Background



This preview shows how the Yxy color 54.4374, 0.3065, 0.3468 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

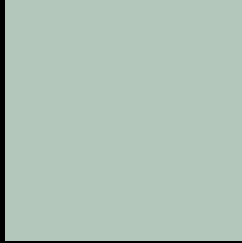
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.4374, 0.3065, 0.3468 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

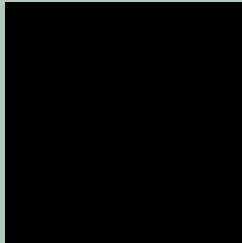
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

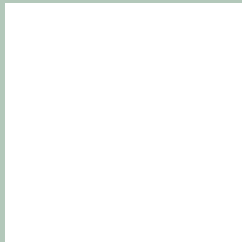
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.4374, 0.3065, 0.3468**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.4374, 0.3065, 0.3468.



This preview shows how white text looks on a background with the Yxy color 54.4374, 0.3065, 0.3468.

# 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

54.4374, 0.3065, 0.3468

### Protanopia

54.4200, 0.3268, 0.3425

### Deuteranopia

54.1962, 0.3363, 0.3291



## Tritanopia

54.3006, 0.2914, 0.3094

# Trichromacy



## Original Color

54.4374, 0.3065, 0.3468

## Protanomaly

54.2780, 0.3192, 0.3439

## Deuteranomaly

53.9836, 0.3256, 0.3351

## Tritanomaly

54.1894, 0.2969, 0.3215

# Monochromacy



## Original Color

54.4374, 0.3065, 0.3468

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

53.3127, 0.3100, 0.3353

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.4374, 0.3065, 0.3468 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, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 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, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 186) }
```

## Border

The CSS property to change the border of an element to Yxy 54.4374, 0.3065, 0.3468 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, 200, 186) }
```

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

```
.border{ border-color:rgb(179, 200, 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, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 200, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 200, 186); box-shadow:4px 4px 4px 4px rgb(179, 200, 186) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.4374, 0.3065, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 186) }
```

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

```
.background{ background-color: rgb(179,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor