

# Converting Colors

$Y_{xy}(55.0154, 0.2994, 0.3378)$

Have a look what the booklet for  
Yxy(55.0154, 0.2994, 0.3378)  
contains.

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# Color

**Yxy(55.0154, 0.2994, 0.3378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C9C2
RGB	177, 201, 194
RGB Percent	69%, 79%, 76%
CMY	0.3057, 0.2118, 0.2392
CMYK	0.12, 0.00, 0.03, 0.21
HSL	162°, 18%, 74%
HSV	162°, 12%, 79%
XYZ	48.7614, 55.0154, 59.0870
YIQ	193.0260, -12.0570, -7.2650

# Conversions

## Conversions Part 2

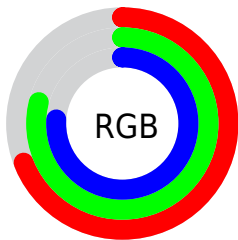
Format	Color
<a href="#">RYB</a>	<a href="#">177, 191, 201</a>
Decimal	<a href="#">11651522</a>
CIELab	<a href="#">79.05, -9.43, 0.75</a>
CIELCh	<a href="#">79, 9.462, 175.472</a>
Yxy	<a href="#">55.0154, 0.2994, 0.3378</a>
Android (android.graphics.Color)	<a href="#">4289841602</a> ( <a href="#">0xFFB1C9C2</a> )
YUV	<a href="#">193.0260, 0.4802, -14.0548</a>
Hunter-Lab	<a href="#">74.1724, -12.4545, 4.6892</a>

# Details

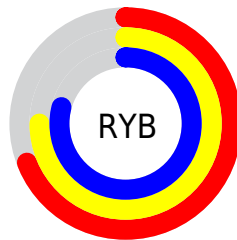
The Yxy color **55.0154, 0.2994, 0.3378** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3376, 0.3280, 0.3204**, and the grayscale version is **53.3514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7458, 0.3021, 0.3339**, and **27.0460, 0.2960, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **52.5695, 0.2888, 0.3460**, and if you desaturate by 10%, it is **57.8240, 0.3105, 0.3303**.

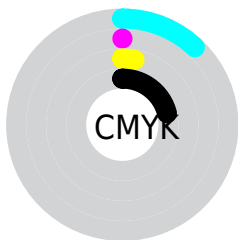
# Distribution



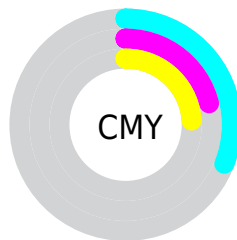
- Red (69%)
- Green (79%)
- Blue (76%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)




- Cyan (31%)
- Magenta (21%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0154, 0.2994, 0.3378 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 55.0154, 0.2994, 0.3378 by changing the saturation by 10% instead.




 55.0154, 0.2994,  
0.3378

 55.0154, 0.2994,  
0.3378


405.9703, 0.3059,  
0.3335

 39.4141, 0.2978,  
0.3388


 97.5635, 0.3017,  
0.3363

 27.0820, 0.2958,  
0.3402


125.2791, 0.3026,  
0.3357

 17.6348, 0.2932,  
0.3419


157.8015, 0.3033,  
0.3352

 10.6881, 0.2897,  
0.3442

195.5152, 0.3040,  
0.3348

 5.8575, 0.2846,  
0.3477

238.8045, 0.3046,  
0.3344

 2.7586, 0.2766,  
0.3531

288.0539, 0.3051,

 1.0071, 0.2607,

0.3341

0.3636

343.6477, 0.3055,  
0.3338

0.0000, 0.0000,  
0.0000

55.0154, 0.2994,  
0.3378

55.0154, 0.2994,  
0.3378

52.5695, 0.2888,  
0.3460

57.8240, 0.3105,  
0.3303

50.4642, 0.2789,  
0.3550

61.0026, 0.3219,  
0.3236

48.6852, 0.2701,  
0.3646


64.5672, 0.3334,  
0.3177

47.2150, 0.2626,  
0.3748

68.0658, 0.3428,  
0.3123


46.0340, 0.2569,  
0.3855


68.3776, 0.3383,  
0.3064

 45.1205, 0.2529,  
0.3965


 68.7004, 0.3339,  
0.3006

 44.4497, 0.2510,  
0.4076

 69.0342, 0.3295,  
0.2949

 43.9917, 0.2510,  
0.4186

 69.3792, 0.3252,  
0.2893

 43.7335, 0.2521,  
0.4274

 69.7356, 0.3210,  
0.2837

# Harmonies

## Analogous

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



55.0154, 0.3113, 0.3469



55.0154, 0.2994, 0.3378



55.0154, 0.2912, 0.3263

# Triad

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



55.0154, 0.2994, 0.3378



55.0154, 0.3015, 0.3080



55.0154, 0.3374, 0.3414

# Complementary

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



55.0154, 0.2994, 0.3378



47.3376, 0.3280, 0.3204

# 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.



55.0154, 0.3347, 0.3310



55.0154, 0.2994, 0.3378



55.0154, 0.3138, 0.3120

# Square

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



55.0154, 0.2994, 0.3378



55.0154, 0.2924, 0.3093



55.0154, 0.3260, 0.3204



55.0154, 0.3333, 0.3488



# Rectangle

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



55.0154, 0.2994, 0.3378



55.0154, 0.2888, 0.3191



55.0154, 0.3260, 0.3204



55.0154, 0.3373, 0.3382

# Sweetspot

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



55.0177, 0.2994, 0.3378



97.9262, 0.3081, 0.3319



55.1651, 0.3169, 0.3594



20.8793, 0.3073, 0.3324



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

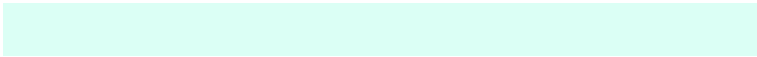


# Same Dimension

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



55.0177, 0.2994, 0.3378



93.1933, 0.2969, 0.3396



53.1401, 0.2945, 0.3229



12.0127, 0.3022, 0.3358



27.5159, 0.2516, 0.4259



1.3151, 0.2453, 0.4031



# Inverse Universe

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



47.3376, 0.3280, 0.3204



77.7774, 0.3314, 0.3187



48.9783, 0.3332, 0.3350



10.6870, 0.3245, 0.3223



8.0182, 0.5768, 0.2951



0.3925, 0.5158, 0.2615



# Previews

## White Background



This preview shows how the Yxy color 55.0154, 0.2994, 0.3378 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

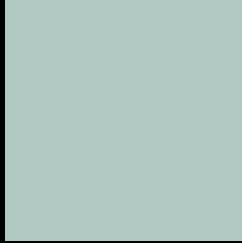
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 55.0154, 0.2994, 0.3378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

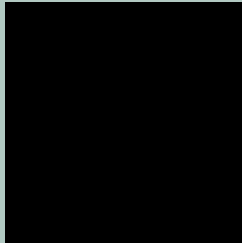
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

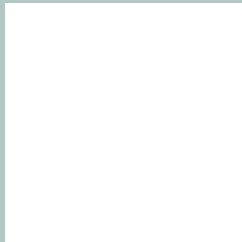
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 55.0154, 0.2994, 0.3378**

## **Background**



This preview shows how black text looks on a background with the Yxy color 55.0154, 0.2994, 0.3378.

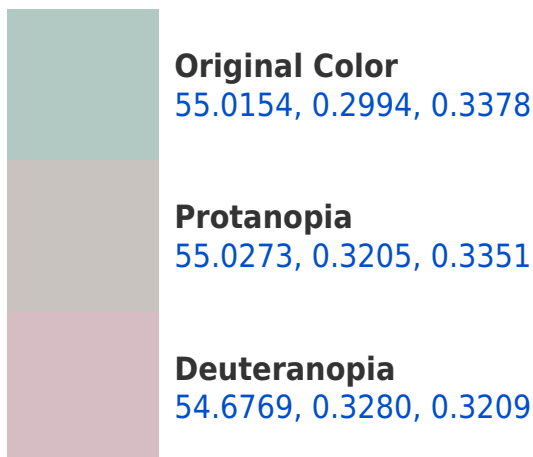


This preview shows how white text looks on a background with the Yxy color 55.0154, 0.2994, 0.3378.

# 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

54.9465, 0.2880, 0.3093

# Trichromacy



## Original Color

55.0154, 0.2994, 0.3378

## Protanomaly

54.9006, 0.3132, 0.3364

## Deuteranomaly

54.4976, 0.3177, 0.3266

## Tritanomaly

54.9355, 0.2920, 0.3190

# Monochromacy



## Original Color

55.0154, 0.2994, 0.3378

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.8949, 0.3078, 0.3327

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.0154, 0.2994, 0.3378 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(177, 201, 194)` looks like.

```
.text, #text, p{  
    color:rgb(177, 201, 194)  
}
```

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(177, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 201, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 55.0154, 0.2994, 0.3378 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(177, 201, 194) }
```

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

```
.border{ border-color:rgb(177, 201, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(177, 201,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.0154, 0.2994, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 201, 194) }
```

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

```
.background{ background-color: rgb(177,  
201, 194) }
```

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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