

# Converting Colors

$Yxy(54.2277, 0.2978, 0.3432)$

Have a look what the booklet for  
Yxy(54.2277, 0.2978, 0.3432)  
contains.

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# Color

**Yxy(54.1489, 0.2977, 0.3431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC9BE
RGB	171, 201, 190
RGB Percent	67%, 79%, 75%
CMY	0.3292, 0.2118, 0.2549
CMYK	0.15, 0.00, 0.05, 0.21
HSL	158°, 22%, 73%
HSV	158°, 15%, 79%
XYZ	46.9838, 54.1489, 56.6898
YIQ	190.7760, -14.3490, -9.7810

# Conversions

## Conversions Part 2

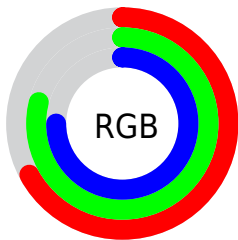
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 189, 201
Decimal	11258302
CIELab	78.55, -12.19, 2.12
CIELCh	79, 12.377, 170.144
Yxy	54.1489, 0.2977, 0.3431
Android (android.graphics.Color)	4289448382 (0xFFABC9BE)
YUV	190.7760, -0.3826, -17.3436
Hunter-Lab	73.5859, -14.8052, 5.8338

# Details

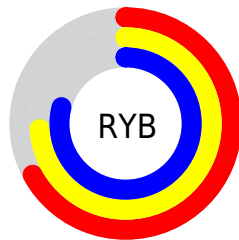
The Yxy color **54.1489, 0.2977, 0.3431** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9417, 0.3305, 0.3153**, and the grayscale version is **51.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5047, 0.3007, 0.3380**, and **26.5251, 0.2929, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **51.7476, 0.2882, 0.3538**, and if you desaturate by 10%, it is **56.9143, 0.3077, 0.3334**.

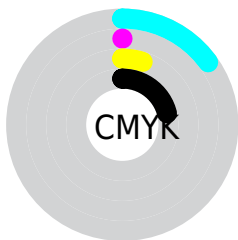
# Distribution



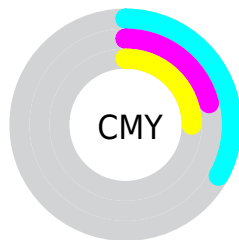
- Red (67%)
- Green (79%)
- Blue (75%)



- Red (67%)
- Yellow (74%)
- Blue (79%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1489, 0.2977, 0.3431 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 54.1489, 0.2977, 0.3431 by changing the saturation by 10% instead.




 54.1489, 0.2977,  
0.3431

 54.1489, 0.2977,  
0.3431

402.6776, 0.3051,  
0.3362

 38.7207, 0.2959,  
0.3448


 96.2928, 0.3003,  
0.3406

 26.5425, 0.2936,  
0.3470


123.7774, 0.3013,  
0.3397

 17.2300, 0.2907,  
0.3498


156.0495, 0.3022,  
0.3389

 10.3986, 0.2866,  
0.3537

193.4936, 0.3029,  
0.3382

 5.6640, 0.2806,  
0.3595

236.4940, 0.3036,  
0.3376

 2.6419, 0.2712,  
0.3687

285.4353, 0.3041,

 0.9478, 0.2475,

0.3371

0.3897

340.7016, 0.3046,  
0.3366

0.0000, 0.0000,  
0.0000

54.1489, 0.2977,  
0.3431

54.1489, 0.2977,  
0.3431

51.7476, 0.2882,  
0.3538

56.9143, 0.3077,  
0.3334

49.6879, 0.2794,  
0.3655

60.0518, 0.3180,  
0.3247

47.9552, 0.2717,  
0.3781


63.5774, 0.3283,  
0.3169


46.5312, 0.2654,  
0.3914


67.5043, 0.3385,  
0.3101


45.3958, 0.2608,  
0.4053


68.5699, 0.3356,  
0.3029


 44.5261, 0.2580,  
0.4195


 68.9859, 0.3301,  
0.2957

 43.8959, 0.2573,  
0.4337

 69.4197, 0.3247,  
0.2886

 43.4735, 0.2585,  
0.4477

 69.8713, 0.3194,  
0.2817

 43.3070, 0.2597,  
0.4547

 70.2495, 0.3152,  
0.2762

# Harmonies

## Analogous

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



54.1489, 0.3137, 0.3542



54.1489, 0.2977, 0.3431



54.1489, 0.2859, 0.3281

# Triad

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



54.1489, 0.2977, 0.3431



54.1489, 0.2954, 0.3013



54.1489, 0.3453, 0.3429

# Complementary

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



54.1489, 0.2977, 0.3431



44.9417, 0.3305, 0.3153

# 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.



54.1489, 0.3402, 0.3290



54.1489, 0.2977, 0.3431



54.1489, 0.3111, 0.3054

# Square

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



54.1489, 0.2977, 0.3431



54.1489, 0.2846, 0.3042



54.1489, 0.3275, 0.3154



54.1489, 0.3414, 0.3536



# Rectangle

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



54.1489, 0.2977, 0.3431



54.1489, 0.2819, 0.3182



54.1489, 0.3275, 0.3154



54.1489, 0.3446, 0.3384

# Sweetspot

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



54.1512, 0.2977, 0.3431



97.8777, 0.3086, 0.3326



54.7216, 0.3199, 0.3673



20.8670, 0.3078, 0.3333



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

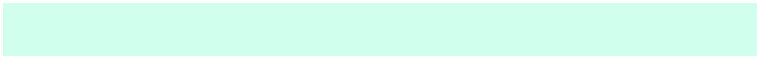


# Same Dimension

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



54.1512, 0.2977, 0.3431



91.2716, 0.2944, 0.3466



53.0402, 0.2901, 0.3245



11.9989, 0.3032, 0.3376



27.2504, 0.2591, 0.4527



1.3039, 0.2511, 0.4238



# Inverse Universe

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



44.9417, 0.3305, 0.3153



72.3984, 0.3353, 0.3121



45.8424, 0.3396, 0.3335



10.7003, 0.3233, 0.3205



8.1330, 0.5487, 0.2796

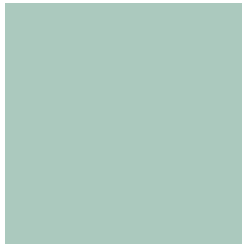


0.3990, 0.4912, 0.2480



# Previews

## White Background



This preview shows how the Yxy color 54.1489, 0.2977, 0.3431 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

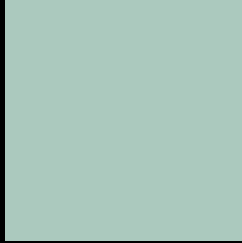
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.1489, 0.2977, 0.3431 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

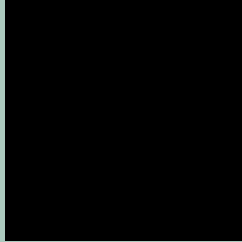
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

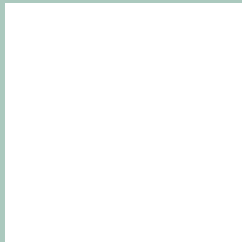
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.1489, 0.2977, 0.3431**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.1489, 0.2977, 0.3431.

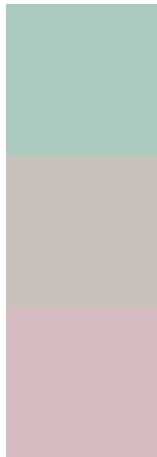


This preview shows how white text looks on a background with the Yxy color 54.1489, 0.2977, 0.3431.

# 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

54.1489, 0.2977, 0.3431

### Protanopia

53.8272, 0.3229, 0.3376

### Deuteranopia

53.9628, 0.3297, 0.3232



## Tritanopia

54.3062, 0.2851, 0.3103

# Trichromacy



## Original Color

54.1489, 0.2977, 0.3431

## Protanomaly

53.8865, 0.3138, 0.3402

## Deuteranomaly

53.9515, 0.3175, 0.3302

## Tritanomaly

54.2533, 0.2897, 0.3214

# Monochromacy



## Original Color

54.1489, 0.2977, 0.3431

## Achromatopsia

52.0996, 0.3127, 0.3290

## Achromatomaly

52.9821, 0.3069, 0.3340

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.1489, 0.2977, 0.3431 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(171, 201, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 201, 190)  
}
```

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(171, 201, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 201, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 54.1489, 0.2977, 0.3431 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(171, 201, 190) }
```

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

```
.border{ border-color:rgb(171, 201, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 201, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 201, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 201, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 201,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.1489, 0.2977, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 201, 190) }
```

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

```
.background{ background-color: rgb(171,  
201, 190) }
```

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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