

# Converting Colors

$Yxy(53.1348, 0.2729, 0.3357)$

Have a look what the booklet for  
Yxy(53.1348, 0.2729, 0.3357)  
contains.

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# Color

**Yxy(53.1489, 0.2729, 0.3356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FCCC7
RGB	143, 204, 199
RGB Percent	56%, 80%, 78%
CMY	0.4395, 0.1999, 0.2197
CMYK	0.30, 0.00, 0.02, 0.20
HSL	175°, 37%, 68%
HSV	175°, 30%, 80%
XYZ	43.2191, 53.1489, 62.0018
YIQ	185.1910, -34.7510, -14.4870

# Conversions

## Conversions Part 2

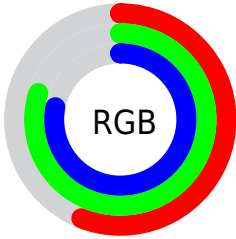
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 175, 204
Decimal	9424071
CIELab	77.96, -20.52, -3.77
CIElCh	78, 20.867, 190.401
Yxy	53.1489, 0.2729, 0.3356
Android (android.graphics.Color)	4287614151 (0xFF8FCCC7)
YUV	185.1910, 6.8078, -37.0015
Hunter-Lab	72.9033, -21.7610, 0.6082

# Details

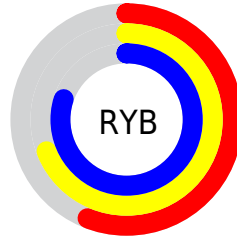
The Yxy color **53.1489, 0.2729, 0.3356** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6032, 0.3736, 0.3227**, and the grayscale version is **48.5968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **26.0307, 0.2627, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **51.4161, 0.2618, 0.3381**, and if you desaturate by 10%, it is **55.2179, 0.2853, 0.3332**.

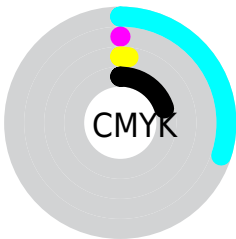
# Distribution



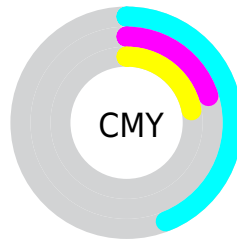
- Red (56%)
- Green (80%)
- Blue (78%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1489, 0.2729, 0.3356 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 53.1489, 0.2729, 0.3356 by changing the saturation by 10% instead.





 53.1489, 0.2729,  
0.3356


 53.1489, 0.2729,  
0.3356


398.8561, 0.2922,  
0.3326

 37.9216, 0.2683,  
0.3363


 94.8234, 0.2798,  
0.3346

 25.9219, 0.2624,  
0.3371


 122.0395, 0.2824,  
0.3342

 16.7652, 0.2548,  
0.3381


154.0207, 0.2846,  
0.3338

 10.0672, 0.2445,  
0.3393


191.1513, 0.2866,  
0.3335

 5.4436, 0.2297,  
0.3409

233.8157, 0.2882,  
0.3332

 2.5098, 0.2071,  
0.3428

282.3984, 0.2897,

 0.8815, 0.1366,

0.3330

0.3576

337.2837, 0.2910,  
0.3328

0.0000, 0.0000,  
0.0000

53.1489, 0.2729,  
0.3356

53.1489, 0.2729,  
0.3356

51.4161, 0.2618,  
0.3381

55.2179, 0.2853,  
0.3332

49.9951, 0.2523,  
0.3408

57.6334, 0.2987,  
0.3310

48.8683, 0.2445,  
0.3435


60.4128, 0.3128,  
0.3290


48.0139, 0.2386,  
0.3463


63.5709, 0.3274,  
0.3272


47.4070, 0.2347,  
0.3491


67.1214, 0.3421,  
0.3255

 47.0179, 0.2325,  
0.3519


 69.0615, 0.3488,  
0.3239

 46.7919, 0.2319,  
0.3547

 69.1453, 0.3475,  
0.3222

 46.7906, 0.2319,  
0.3547

 69.2300, 0.3462,  
0.3205

 69.3156, 0.3449,  
0.3188

# Harmonies

## Analogous

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



53.1489, 0.2953, 0.3607



53.1489, 0.2729, 0.3356



53.1489, 0.2611, 0.3098

# Triad

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



53.1489, 0.2729, 0.3356



53.1489, 0.3005, 0.2865



53.1489, 0.3653, 0.3651

# Complementary

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



53.1489, 0.2729, 0.3356



34.6032, 0.3736, 0.3227

# 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.



53.1489, 0.3672, 0.3442



53.1489, 0.2729, 0.3356



53.1489, 0.3289, 0.3001

# Square

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



53.1489, 0.2729, 0.3356



53.1489, 0.2765, 0.2829



53.1489, 0.3537, 0.3208



53.1489, 0.3488, 0.3774



# Rectangle

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



53.1489, 0.2729, 0.3356



53.1489, 0.2605, 0.2961



53.1489, 0.3537, 0.3208



53.1489, 0.3677, 0.3588

# Sweetspot

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



53.1510, 0.2729, 0.3356



95.7829, 0.2998, 0.3308



51.4740, 0.3124, 0.4148



20.3658, 0.2978, 0.3311



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

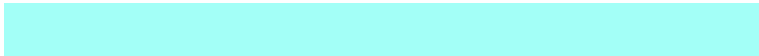


# Same Dimension

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



53.1510, 0.2729, 0.3356



86.0697, 0.2655, 0.3372



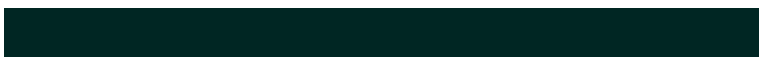
42.2617, 0.2660, 0.2939



12.7105, 0.2994, 0.3309



29.4514, 0.2318, 0.3543



1.5242, 0.2302, 0.3489



# Inverse Universe

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



34.6032, 0.3736, 0.3227



50.4569, 0.3929, 0.3213



42.9697, 0.3697, 0.3616



11.2284, 0.3277, 0.3271



8.1108, 0.6300, 0.3244

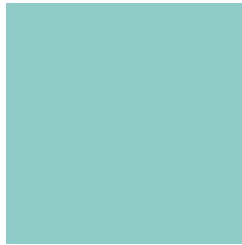


0.4237, 0.5991, 0.3074



# Previews

## White Background



This preview shows how the Yxy color 53.1489, 0.2729, 0.3356 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

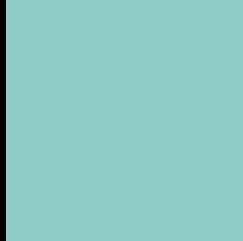
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.1489, 0.2729, 0.3356 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

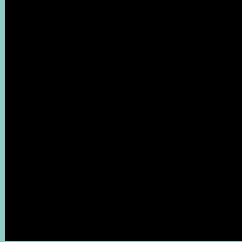
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

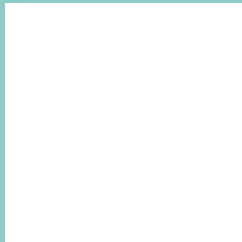
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.1489, 0.2729, 0.3356**

## Background



This preview shows how black text looks on a background with the Yxy color 53.1489, 0.2729, 0.3356.



This preview shows how white text looks on a background with the Yxy color 53.1489, 0.2729, 0.3356.

# 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

53.1489, 0.2729, 0.3356

### Protanopia

52.6253, 0.3160, 0.3290

### Deuteranopia

52.5514, 0.3161, 0.3089



## Tritanopia

52.9861, 0.2643, 0.3082

# Trichromacy



## Original Color

53.1489, 0.2729, 0.3356

## Protanomaly

52.6050, 0.2986, 0.3315

## Deuteranomaly

52.4715, 0.2983, 0.3177

## Tritanomaly

53.0052, 0.2680, 0.3184

# Monochromacy



## Original Color

53.1489, 0.2729, 0.3356

## Achromatopsia

48.5150, 0.3127, 0.3290

## Achromatomaly

49.9630, 0.2968, 0.3316

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.1489, 0.2729, 0.3356 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(143, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 199)  
}
```

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(143, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 199) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1489, 0.2729, 0.3356 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(143, 204, 199) }
```

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

```
.border{ border-color:rgb(143, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
199) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1489, 0.2729, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 199) }
```

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

```
.background{ background-color: rgb(143,  
204, 199) }
```

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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