

# Converting Colors

$Yxy(53.1073, 0.2735, 0.3369)$

Have a look what the booklet for  
Yxy(53.1073, 0.2735, 0.3369)  
contains.

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# Color

**Yxy(53.1026, 0.2735, 0.3369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FCCC6
RGB	143, 204, 198
RGB Percent	56%, 80%, 78%
CMY	0.4394, 0.2000, 0.2235
CMYK	0.30, 0.00, 0.03, 0.20
HSL	174°, 37%, 68%
HSV	174°, 30%, 80%
XYZ	43.1094, 53.1026, 61.4092
YIQ	185.0770, -34.4300, -14.7980

# Conversions

## Conversions Part 2

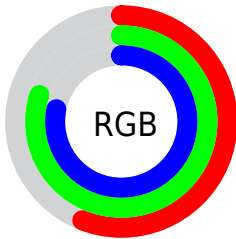
Format	Color
<a href="#">RYB</a>	<a href="#">143, 175, 204</a>
Decimal	<a href="#">9424070</a>
CIELab	<a href="#">77.94, -20.73, -3.28</a>
CIELCh	<a href="#">78, 20.991, 189.002</a>
Yxy	<a href="#">53.1026, 0.2735, 0.3369</a>
Android (android.graphics.Color)	<a href="#">4287614150 (0xFF8FCCC6)</a>
YUV	<a href="#">185.0770, 6.3710, -36.9015</a>
Hunter-Lab	<a href="#">72.8715, -21.9280, 1.0461</a>

# Details

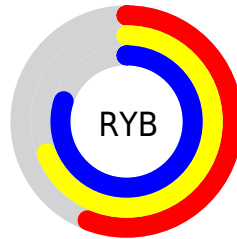
The Yxy color **53.1026, 0.2735, 0.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.6415, 0.3725, 0.3214**, and the grayscale version is **48.5362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **26.0000, 0.2635, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **51.3552, 0.2626, 0.3399**, and if you desaturate by 10%, it is **55.1866, 0.2857, 0.3340**.

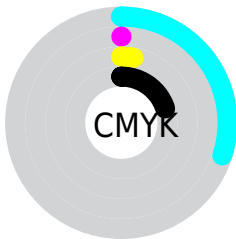
# Distribution



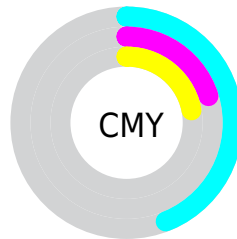
- Red (56%)
- Green (80%)
- Blue (78%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)




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


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1026, 0.2735, 0.3369 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 53.1026, 0.2735, 0.3369 by changing the saturation by 10% instead.





 53.1026, 0.2735,  
0.3369


 53.1026, 0.2735,  
0.3369

398.6786, 0.2925,  
0.3332

 37.8847, 0.2689,  
0.3377


 94.7553, 0.2803,  
0.3356

 25.8932, 0.2631,  
0.3388


 121.9589, 0.2829,  
0.3351

 16.7438, 0.2556,  
0.3400

153.9265, 0.2851,  
0.3347

 10.0520, 0.2454,  
0.3417

191.0426, 0.2870,  
0.3343

 5.4334, 0.2308,  
0.3439

233.6914, 0.2886,  
0.3340

 2.5037, 0.2084,  
0.3468

282.2574, 0.2901,


 0.8785, 0.1364,


0.3337


0.3644

337.1250, 0.2914,  
0.3335


 0.0000, 0.0000,  
0.0000

 53.1026, 0.2735,  
0.3369

 53.1026, 0.2735,  
0.3369


 51.3552, 0.2626,  
0.3399


 55.1866, 0.2857,  
0.3340


 49.9199, 0.2532,  
0.3431


 57.6173, 0.2989,  
0.3314


 48.7793, 0.2455,  
0.3464

 60.4125, 0.3128,  
0.3290

 47.9115, 0.2397,  
0.3498

 63.5865, 0.3272,  
0.3268

 47.2914, 0.2359,  
0.3532

 67.1533, 0.3417,  
0.3249

■ 46.8896, 0.2339,  
0.3565

■ 69.1059, 0.3480,  
0.3229

■ 46.6513, 0.2333,  
0.3598

■ 69.2065, 0.3465,  
0.3209

■ 46.6497, 0.2333,  
0.3599

■ 69.3083, 0.3449,  
0.3189

■ 69.4114, 0.3434,  
0.3168

# Harmonies

## Analogous

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



53.1026, 0.2964, 0.3619



53.1026, 0.2735, 0.3369



53.1026, 0.2611, 0.3108

# Triad

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



53.1026, 0.2735, 0.3369



53.1026, 0.2991, 0.2858



53.1026, 0.3661, 0.3644

# Complementary

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



53.1026, 0.2735, 0.3369



34.6415, 0.3725, 0.3214

# 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.



53.1026, 0.3673, 0.3432



53.1026, 0.2735, 0.3369



53.1026, 0.3276, 0.2991

# Square

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



53.1026, 0.2735, 0.3369



53.1026, 0.2753, 0.2828



53.1026, 0.3530, 0.3197



53.1026, 0.3501, 0.3774



# Rectangle

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



53.1026, 0.2735, 0.3369



53.1026, 0.2601, 0.2967



53.1026, 0.3530, 0.3197



53.1026, 0.3682, 0.3580

# Sweetspot

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



53.1047, 0.2735, 0.3369



95.7597, 0.3000, 0.3312



51.5687, 0.3132, 0.4145



20.3600, 0.2980, 0.3316



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

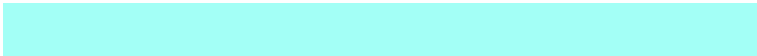


# Same Dimension

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



53.1047, 0.2735, 0.3369



85.9801, 0.2662, 0.3389



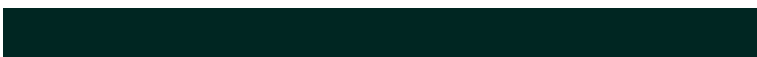
42.6744, 0.2662, 0.2954



12.7073, 0.2996, 0.3313



29.3663, 0.2332, 0.3594



1.5206, 0.2314, 0.3529



# Inverse Universe

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



34.6415, 0.3725, 0.3214



50.5126, 0.3914, 0.3197



42.5986, 0.3700, 0.3603



11.2313, 0.3275, 0.3268



8.1183, 0.6276, 0.3231

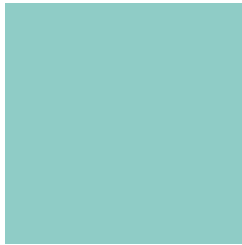


0.4251, 0.5920, 0.3035



# Previews

## White Background



This preview shows how the Yxy color 53.1026, 0.2735, 0.3369 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

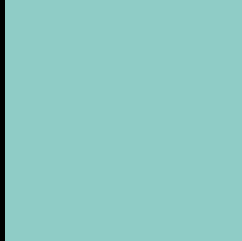
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.1026, 0.2735, 0.3369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

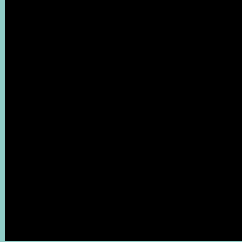
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

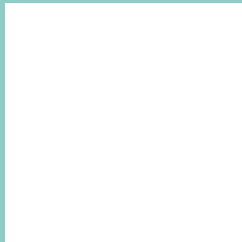
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.1026, 0.2735, 0.3369**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.1026, 0.2735, 0.3369.

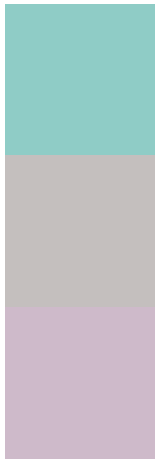


This preview shows how white text looks on a background with the Yxy color 53.1026, 0.2735, 0.3369.

# 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

53.1026, 0.2735, 0.3369

### Protanopia

52.7151, 0.3176, 0.3302

### Deuteranopia

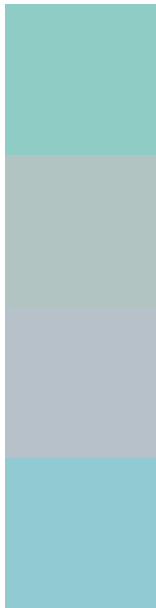
52.5039, 0.3169, 0.3100



## Tritanopia

52.9861, 0.2643, 0.3082

# Trichromacy



**Original Color**

53.1026, 0.2735, 0.3369

**Protanomaly**

52.6772, 0.3001, 0.3328

**Deuteranomaly**

52.4243, 0.2990, 0.3190

**Tritanomaly**

53.0052, 0.2680, 0.3184

# Monochromacy



**Original Color**

53.1026, 0.2735, 0.3369

**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 53.1026, 0.2735, 0.3369 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 198) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1026, 0.2735, 0.3369 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, 198) }
```

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

```
.border{ border-color:rgb(143, 204, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
198) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1026, 0.2735, 0.3369 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, 198) }
```

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

```
.background{ background-color: rgb(143,  
204, 198) }
```

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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