

# Converting Colors

$Yxy(39.2758, 0.2876, 0.3352)$

Have a look what the booklet for  
Yxy(39.2758, 0.2876, 0.3352)  
contains.

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# Color

**Yxy(39.2629, 0.2871, 0.3348)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DAFAB
RGB	141, 175, 171
RGB Percent	55%, 69%, 67%
CMY	0.4470, 0.3137, 0.3293
CMYK	0.19, 0.00, 0.02, 0.31
HSL	173°, 18%, 62%
HSV	173°, 19%, 69%
XYZ	33.6690, 39.2629, 44.3408
YIQ	164.3780, -18.9800, -8.4520

# Conversions

## Conversions Part 2

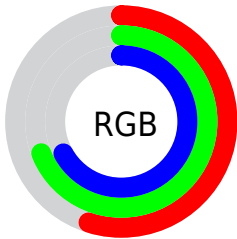
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 159, 175</a>
Decimal	<a href="#">9285547</a>
CIELab	<a href="#">68.94, -12.35, -1.79</a>
CIElCh	<a href="#">69, 12.475, 188.267</a>
Yxy	<a href="#">39.2629, 0.2871, 0.3348</a>
Android (android.graphics.Color)	<a href="#">4287475627 (0xFF8DAFAB)</a>
YUV	<a href="#">164.3780, 3.2646, -20.5025</a>
Hunter-Lab	<a href="#">62.6601, -13.7423, 1.9061</a>

# Details

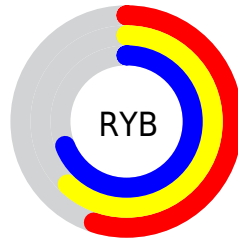
The Yxy color **39.2629, 0.2871, 0.3348** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.2141, 0.3458, 0.3233**, and the grayscale version is **37.3077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2449, 0.2920, 0.3346**, and **17.4246, 0.2791, 0.3352** is the 20% darker color. If you saturate the color by 10%, you get **37.7719, 0.2751, 0.3382**, and if you desaturate by 10%, it is **41.0008, 0.3000, 0.3317**.

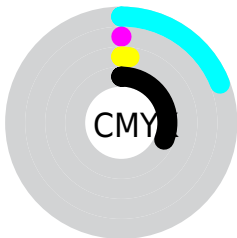
# Distribution



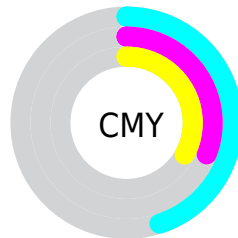
- Red (55%)
- Green (69%)
- Blue (67%)



- Red (55%)
- Yellow (62%)
- Blue (69%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)




- Cyan (45%)
- Magenta (31%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2629, 0.2871, 0.3348 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 39.2629, 0.2871, 0.3348 by changing the saturation by 10% instead.





 39.2629, 0.2871,  
0.3348


 39.2629, 0.2871,  
0.3348


343.0069, 0.3002,  
0.3319


 26.9643, 0.2837,  
0.3355


 74.0398, 0.2919,  
0.3337

 17.5464, 0.2793,  
0.3365


 97.2868, 0.2937,  
0.3334

 10.6248, 0.2733,  
0.3377


 124.9522, 0.2952,  
0.3330

 5.8152, 0.2648,  
0.3394

157.4202, 0.2965,  
0.3327

 2.7330, 0.2515,  
0.3420

195.0753, 0.2976,  
0.3325

 0.9940, 0.2238,  
0.3479

238.3019, 0.2986,

 0.0000, 0.0000,

0.3323

0.0000

287.4843, 0.2995,  
0.3321

■ 39.2629, 0.2871,  
0.3348

■ 39.2629, 0.2871,  
0.3348

■ 37.7719, 0.2751,  
0.3382

■ 41.0008, 0.3000,  
0.3317

■ 36.5115, 0.2644,  
0.3418

■ 42.9912, 0.3135,  
0.3288

■ 35.4711, 0.2551,  
0.3455

■ 45.2459, 0.3274,  
0.3263

■ 34.6373, 0.2474,  
0.3494

■ 47.7742, 0.3415,  
0.3240

■ 33.9952, 0.2416,  
0.3534

■ 50.5852, 0.3555,  
0.3220

■ 33.5280, 0.2377,  
0.3575

■ 53.6874, 0.3693,  
0.3202

■ 33.2158, 0.2356,  
0.3615

■ 55.4371, 0.3753,  
0.3183

■ 33.0195, 0.2350,  
0.3655

■ 55.5245, 0.3735,  
0.3162

■ 33.0089, 0.2349,  
0.3657

■ 55.6131, 0.3716,  
0.3140

# Harmonies

## Analogous

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



39.2629, 0.3026, 0.3506



39.2629, 0.2871, 0.3348



39.2629, 0.2785, 0.3178

# Triad

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



39.2629, 0.2871, 0.3348



39.2629, 0.3035, 0.2999



39.2629, 0.3478, 0.3525

# Complementary

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



39.2629, 0.2871, 0.3348



30.2141, 0.3458, 0.3233

# 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.



39.2629, 0.3482, 0.3385



39.2629, 0.2871, 0.3348



39.2629, 0.3222, 0.3088

# Square

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



39.2629, 0.2871, 0.3348



39.2629, 0.2877, 0.2983



39.2629, 0.3388, 0.3227



39.2629, 0.3378, 0.3607



# Rectangle

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



39.2629, 0.2871, 0.3348



39.2629, 0.2776, 0.3083



39.2629, 0.3388, 0.3227



39.2629, 0.3491, 0.3483

# Sweetspot

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



39.2645, 0.2871, 0.3348



74.5625, 0.3044, 0.3307



38.6526, 0.3143, 0.3806



16.5234, 0.3036, 0.3309



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290



# Same Dimension

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



39.2645, 0.2871, 0.3348



69.2079, 0.2822, 0.3361



34.7908, 0.2831, 0.3103



9.0557, 0.3001, 0.3317



23.6454, 0.2348, 0.3652



0.6623, 0.2314, 0.3531



# Inverse Universe

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



30.2141, 0.3458, 0.3233



50.2167, 0.3545, 0.3221



33.9771, 0.3468, 0.3470



8.0300, 0.3269, 0.3264



6.5692, 0.6232, 0.3207



0.1875, 0.5659, 0.2891



# Previews

## White Background



This preview shows how the Yxy color 39.2629, 0.2871, 0.3348 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

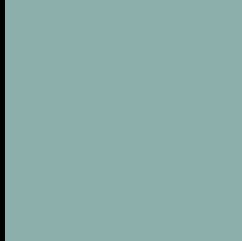
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 39.2629, 0.2871, 0.3348 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

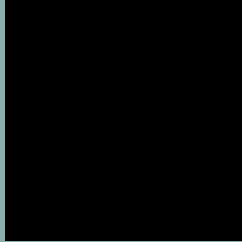
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

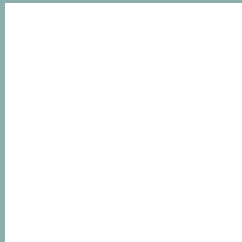
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 39.2629, 0.2871, 0.3348**

## **Background**



This preview shows how black text looks on a background with the Yxy color 39.2629, 0.2871, 0.3348.

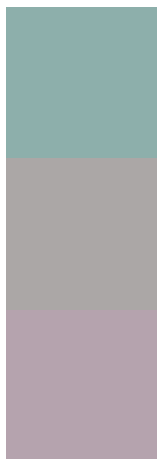


This preview shows how white text looks on a background with the Yxy color 39.2629, 0.2871, 0.3348.

# 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

39.2629, 0.2871, 0.3348

### Protanopia

39.0485, 0.3173, 0.3304

### Deuteranopia

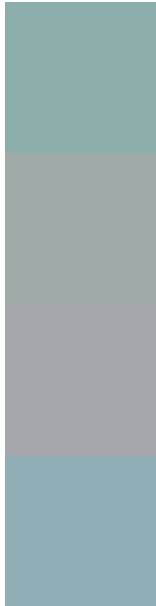
39.0741, 0.3200, 0.3142



## Tritanopia

39.3616, 0.2783, 0.3103

# Trichromacy



## Original Color

39.2629, 0.2871, 0.3348

## Protanomaly

39.0502, 0.3054, 0.3318

## Deuteranomaly

38.7616, 0.3067, 0.3206

## Tritanomaly

39.4479, 0.2813, 0.3188

# Monochromacy



## Original Color

39.2629, 0.2871, 0.3348

## Achromatopsia

37.1238, 0.3127, 0.3290

## Achromatomaly

37.8632, 0.3027, 0.3304

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.2629, 0.2871, 0.3348 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(141, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(141, 175, 171)  
}
```

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(141, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 175, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 39.2629, 0.2871, 0.3348 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(141, 175, 171) }
```

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

```
.border{ border-color:rgb(141, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(141, 175,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.2629, 0.2871, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 175, 171) }
```

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

```
.background{ background-color: rgb(141,  
175, 171) }
```

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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