

Converting Colors

$Yxy(64.1380, 0.2882, 0.3625)$

Have a look what the booklet for
Yxy(64.1380, 0.2882, 0.3625)
contains.

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Color

Yxy(64.3379, 0.2879, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	A1DFC4
RGB	161, 223, 196
RGB Percent	63%, 87%, 77%
CMY	0.3684, 0.1255, 0.2314
CMYK	0.28, 0.00, 0.12, 0.13
HSL	154°, 49%, 75%
HSV	154°, 28%, 87%
XYZ	51.0554, 64.3379, 61.9438
YIQ	201.3840, -28.2850, -21.5410

Conversions

Conversions Part 2

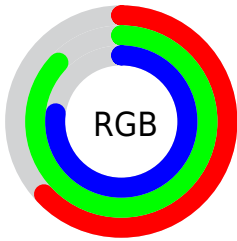
Format	Color
RYB	161, 201, 223
Decimal	10608580
CIELab	84.14, -25.20, 6.94
CIELCh	84, 26.134, 164.607
Yxy	64.3379, 0.2879, 0.3628
Android (android.graphics.Color)	4288798660 (0xFFA1DFC4)
YUV	201.3840, -2.6543, -35.4168
Hunter-Lab	80.2109, -26.7514, 10.3602

Details

The Yxy color **64.3379, 0.2879, 0.3628** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8280, 0.3471, 0.2977**, and the grayscale version is **58.6961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3636, 0.2911, 0.3310**, and **33.1464, 0.2820, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **61.7973, 0.2801, 0.3773**, and if you desaturate by 10%, it is **67.3257, 0.2965, 0.3495**.

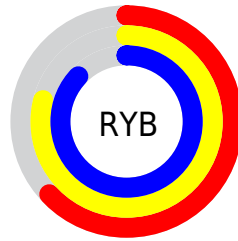
Distribution



Red (63%)

Green (87%)

Blue (77%)



Red (63%)

Yellow (79%)

Blue (87%)

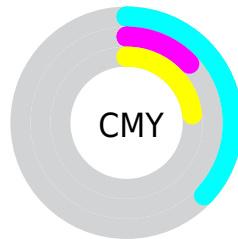


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (37%)


Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3379, 0.2879, 0.3628 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 64.3379, 0.2879, 0.3628 by changing the saturation by 10% instead.


 64.3379, 0.2879,
0.3628


 64.3379, 0.2879,
0.3628

440.4088, 0.2998,
0.3464

 46.9244, 0.2851,
0.3667

 111.0974, 0.2921,
0.3570

 32.9759, 0.2815,
0.3717


 141.2122, 0.2937,
0.3547

 22.1080, 0.2769,
0.3782


176.3296, 0.2951,
0.3528

 13.9363, 0.2707,
0.3870

216.8340, 0.2963,
0.3512

 8.0764, 0.2619,
0.3996

263.1097, 0.2974,
0.3498

 4.1438, 0.2484,
0.4191

315.5411, 0.2983,

 1.7543, 0.2256,

0.3485

0.4533

374.5127, 0.2991,
0.3474

0.4585, 0.0000,
0.9699

0.0000, 0.0000,
0.0000

64.3379, 0.2879,
0.3628

64.3379, 0.2879,
0.3628

61.7973, 0.2801,
0.3773

67.3257, 0.2965,
0.3495

59.6734, 0.2735,
0.3929


70.7736, 0.3055,
0.3375


57.9444, 0.2682,
0.4093

74.7037, 0.3148,
0.3267

56.5830, 0.2648,
0.4263


79.1344, 0.3241,
0.3171

 55.5585, 0.2632,
0.4435


 80.6015, 0.3210,
0.3078

 54.8347, 0.2637,
0.4605

 81.2098, 0.3146,
0.2986

 54.3619, 0.2662,
0.4769

 81.2533, 0.3142,
0.2980

 54.2737, 0.2668,
0.4805

Harmonies

Analogous

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



64.3379, 0.3199, 0.3835



64.3379, 0.2879, 0.3628



64.3379, 0.2633, 0.3321

Triad

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



64.3379, 0.2879, 0.3628



64.3379, 0.2736, 0.2751



64.3379, 0.3777, 0.3501

Complementary

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



64.3379, 0.2879, 0.3628



44.8280, 0.3471, 0.2977

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.



64.3379, 0.3641, 0.3230



64.3379, 0.2879, 0.3628



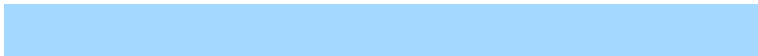
64.3379, 0.3028, 0.2811

Square

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



64.3379, 0.2879, 0.3628



64.3379, 0.2555, 0.2822



64.3379, 0.3361, 0.2983



64.3379, 0.3727, 0.3738

Rectangle

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



64.3379, 0.2879, 0.3628



64.3379, 0.2540, 0.3115



64.3379, 0.3361, 0.2983



64.3379, 0.3752, 0.3412

Sweetspot

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



64.3406, 0.2879, 0.3628



95.7745, 0.3052, 0.3378



66.1576, 0.3288, 0.4043



20.3398, 0.3038, 0.3396



0.0000, 0.0000, 0.0000



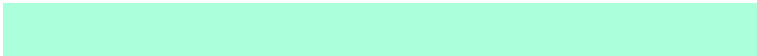
21.4041, 0.3127, 0.3290

Same Dimension

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



64.3406, 0.2879, 0.3628



85.2393, 0.2835, 0.3706



64.0431, 0.2721, 0.3251



15.4661, 0.3040, 0.3394



31.9364, 0.2661, 0.4780



2.2315, 0.2591, 0.4528

Inverse Universe

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



44.8280, 0.3471, 0.2977



54.8606, 0.3562, 0.2912



44.8661, 0.3722, 0.3329



13.7993, 0.3224, 0.3188



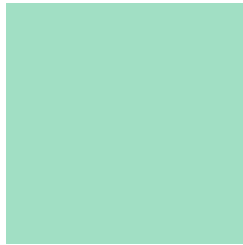
9.7561, 0.5221, 0.2650



0.6940, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 64.3379, 0.2879, 0.3628 looks on a white background.

Color Contrast Check

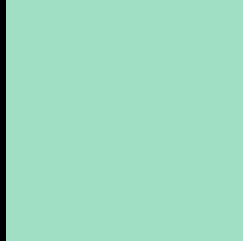
Large Text (above 18pt) WCAG AA × Fail

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 64.3379, 0.2879, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

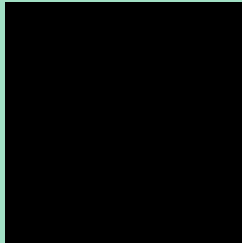
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

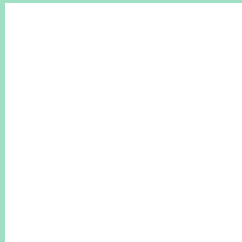
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3379, 0.2879, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 64.3379, 0.2879, 0.3628.

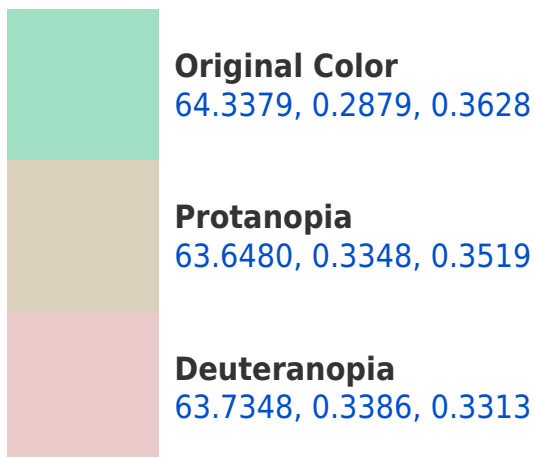


This preview shows how white text looks on a background with the Yxy color 64.3379, 0.2879, 0.3628.

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

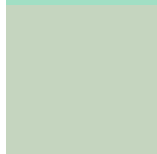
64.0589, 0.2698, 0.3076

Trichromacy



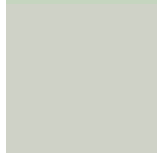
Original Color

64.3379, 0.2879, 0.3628



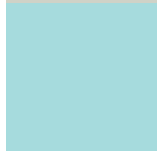
Protanomaly

63.2204, 0.3159, 0.3552



Deuteranomaly

63.4821, 0.3181, 0.3418



Tritanomaly

63.9905, 0.2761, 0.3265

Monochromacy



Original Color

64.3379, 0.2879, 0.3628



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.1636, 0.3026, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3379, 0.2879, 0.3628 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(161, 223, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 223, 196)  
}
```

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(161, 223, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 223, 196) }
```

Border

The CSS property to change the border of an element to Yxy 64.3379, 0.2879, 0.3628 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(161, 223, 196) }
```

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

```
.border{ border-color:rgb(161, 223, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 223, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 223, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 223, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 223,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3379, 0.2879, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 223, 196) }
```

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

```
.background{ background-color: rgb(161,  
223, 196) }
```

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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