

Converting Colors

Yxy(51.6817, 0.2829, 0.3858)

Have a look what the booklet for
Yxy(51.6817, 0.2829, 0.3858)
contains.

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Color

Yxy(51.9277, 0.2827, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	7FCFA7
RGB	127, 207, 167
RGB Percent	50%, 81%, 65%
CMY	0.5020, 0.1882, 0.3450
CMYK	0.39, 0.00, 0.19, 0.19
HSL	150°, 45%, 65%
HSV	150°, 39%, 81%
XYZ	38.0408, 51.9277, 44.5940
YIQ	178.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

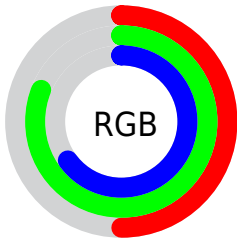
Format	Color
RYB	127, 180, 207
Decimal	8376231
CIELab	77.24, -33.41, 12.23
CIELCh	77, 35.579, 159.898
Yxy	51.9277, 0.2827, 0.3859
Android (android.graphics.Color)	4286566311 (0xFF7FCFA7)
YUV	178.5200, -5.6794, -45.1830
Hunter-Lab	72.0609, -31.8766, 13.7517

Details

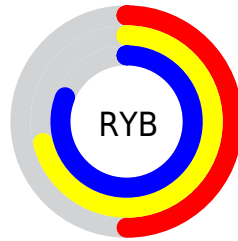
The Yxy color **51.9277, 0.2827, 0.3859** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **31.2289, 0.3599, 0.2789**, and the grayscale version is **44.8556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7390, 0.2876, 0.3656**, and **25.1107, 0.2738, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **50.1332, 0.2768, 0.4039**, and if you desaturate by 10%, it is **54.0835, 0.2897, 0.3691**.

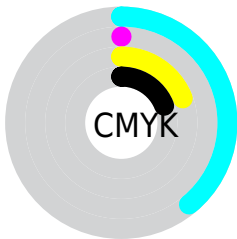
Distribution



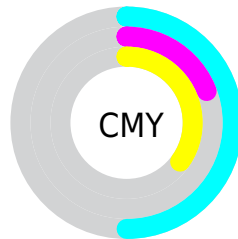
- Red (50%)
- Green (81%)
- Blue (65%)



- Red (50%)
- Yellow (71%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (50%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9277, 0.2827, 0.3859 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 51.9277, 0.2827, 0.3859 by changing the saturation by 10% instead.

 51.9277, 0.2827,
0.3859


 51.9277, 0.2827,
0.3859


394.1574, 0.2979,
0.3569


 36.9474, 0.2788,
0.3933

 93.0246, 0.2883,
0.3752

 25.1668, 0.2738,
0.4030


 119.9100, 0.2904,
0.3712

 16.2014, 0.2671,
0.4160


 151.5327, 0.2921,
0.3679

 9.6668, 0.2575,
0.4344

188.2769, 0.2936,
0.3651

 5.1786, 0.2431,
0.4626

230.5271, 0.2949,
0.3626

 2.3524, 0.2188,
0.5106

278.6676, 0.2961,

 0.8012, 0.0000,

0.3604

0.9786

333.0829, 0.2971,
0.3586

0.0000, 0.0000,
0.0000

51.9277, 0.2827,
0.3859

51.9277, 0.2827,
0.3859

50.1332, 0.2768,
0.4039

54.0835, 0.2897,
0.3691

48.6728, 0.2722,
0.4229

56.6134, 0.2974,
0.3537

47.5256, 0.2694,
0.4425


59.5371, 0.3055,
0.3398

46.6653, 0.2684,
0.4621


62.8713, 0.3138,
0.3274


46.0612, 0.2695,
0.4813

66.6316, 0.3222,
0.3164


 45.6655, 0.2723,
0.4995

 70.8327, 0.3304,
0.3067

 45.6193, 0.2727,
0.5018

 72.1440, 0.3258,
0.2968

 72.7742, 0.3185,
0.2870

 73.1077, 0.3149,
0.2821

Harmonies

Analogous

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



51.9277, 0.3295, 0.4131



51.9277, 0.2827, 0.3859



51.9277, 0.2458, 0.3401

Triad

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



51.9277, 0.2827, 0.3859



51.9277, 0.2510, 0.2524



51.9277, 0.4068, 0.3514

Complementary

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



51.9277, 0.2827, 0.3859



31.2289, 0.3599, 0.2789

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.



51.9277, 0.3828, 0.3134



51.9277, 0.2827, 0.3859



51.9277, 0.2903, 0.2587

Square

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



51.9277, 0.2827, 0.3859



51.9277, 0.2289, 0.2642



51.9277, 0.3388, 0.2805



51.9277, 0.4029, 0.3874

Rectangle

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



51.9277, 0.2827, 0.3859



51.9277, 0.2310, 0.3088



51.9277, 0.3388, 0.2805



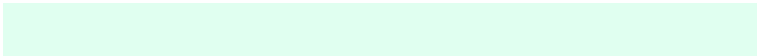
51.9277, 0.4018, 0.3386

Sweetspot

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



51.9298, 0.2827, 0.3859



93.7057, 0.3026, 0.3445



54.3744, 0.3372, 0.4357



19.9228, 0.3016, 0.3463



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.



51.9298, 0.2827, 0.3859



80.9020, 0.2779, 0.4001



53.6437, 0.2595, 0.3288



13.3036, 0.3049, 0.3409



28.7600, 0.2721, 0.4994



1.6241, 0.2627, 0.4658

Inverse Universe

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



31.2289, 0.3599, 0.2789



43.3496, 0.3739, 0.2689



29.9725, 0.4081, 0.3293



11.9053, 0.3213, 0.3174



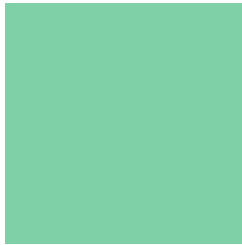
8.9989, 0.4947, 0.2499



0.5192, 0.4543, 0.2277

Previews

White Background



This preview shows how the Yxy color 51.9277, 0.2827, 0.3859 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 51.9277, 0.2827, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

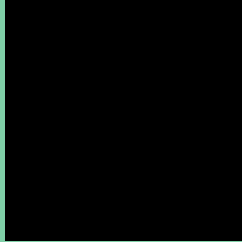
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

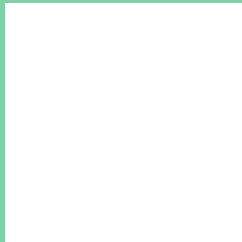
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9277, 0.2827, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 51.9277, 0.2827, 0.3859.

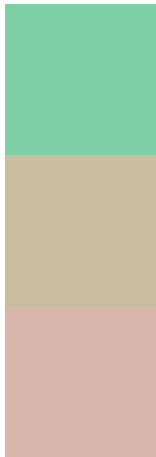


This preview shows how white text looks on a background with the Yxy color 51.9277, 0.2827, 0.3859.

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

51.9277, 0.2827, 0.3859

Protanopia

51.1432, 0.3467, 0.3679

Deuteranopia

51.2926, 0.3497, 0.3423



Tritanopia

51.6697, 0.2593, 0.3078

Trichromacy



Original Color

51.9277, 0.2827, 0.3859



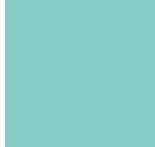
Protanomaly

50.9373, 0.3201, 0.3756



Deuteranomaly

50.6688, 0.3220, 0.3576



Tritanomaly

51.8574, 0.2678, 0.3357

Monochromacy



Original Color

51.9277, 0.2827, 0.3859



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

46.9639, 0.2998, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9277, 0.2827, 0.3859 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(127, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(127, 207, 167)  
}
```

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(127, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 207, 167) }
```

Border

The CSS property to change the border of an element to Yxy 51.9277, 0.2827, 0.3859 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(127, 207, 167) }
```

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

```
.border{ border-color:rgb(127, 207, 167) }
```

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

Here you see how a box with a 4 pixel rgb(127, 207, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(127, 207,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9277, 0.2827, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 207, 167) }
```

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

```
.background{ background-color: rgb(127,  
207, 167) }
```

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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