

Converting Colors

$Yxy(55.3783, 0.2846, 0.3739)$

Have a look what the booklet for
Yxy(55.3783, 0.2846, 0.3739)
contains.

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Color

Yxy(55.3783, 0.2846, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	8CD3B2
RGB	140, 211, 178
RGB Percent	55%, 83%, 70%
CMY	0.4507, 0.1726, 0.3020
CMYK	0.34, 0.00, 0.16, 0.17
HSL	152°, 45%, 69%
HSV	152°, 34%, 83%
XYZ	42.1521, 55.3783, 50.5795
YIQ	186.0090, -31.7230, -25.3150

Conversions

Conversions Part 2

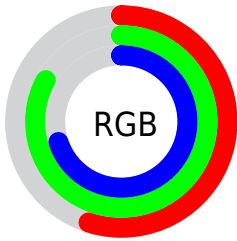
Format	Color
RYB	140, 186, 211
Decimal	9229234
CIELab	79.26, -29.30, 9.34
CIELCh	79, 30.755, 162.311
Yxy	55.3783, 0.2846, 0.3739
Android (android.graphics.Color)	4287419314 (0xFF8CD3B2)
YUV	186.0090, -3.9484, -40.3499
Hunter-Lab	74.4166, -29.1206, 11.7933

Details

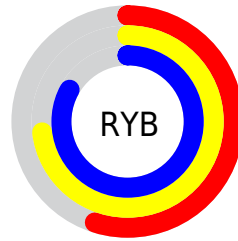
The Yxy color **55.3783, 0.2846, 0.3739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6430, 0.3544, 0.2884**, and the grayscale version is **49.1520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0626, 0.2886, 0.3515**, and **27.2838, 0.2771, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **53.3386, 0.2777, 0.3901**, and if you desaturate by 10%, it is **57.8023, 0.2924, 0.3590**.

Distribution



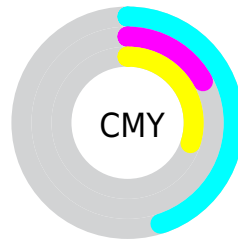
- Red (55%)
- Green (83%)
- Blue (70%)



- Red (55%)
- Yellow (73%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)




- Cyan (45%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3783, 0.2846, 0.3739 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 55.3783, 0.2846, 0.3739 by changing the saturation by 10% instead.


 55.3783, 0.2846,
0.3739


 55.3783, 0.2846,
0.3739


407.3443, 0.2986,
0.3514


 39.7047, 0.2811,
0.3795


 98.0950, 0.2897,
0.3657

 27.3084, 0.2767,
0.3868


 125.9069, 0.2916,
0.3626

 17.8049, 0.2709,
0.3964


 158.5336, 0.2932,
0.3601

 10.8100, 0.2627,
0.4099

196.3597, 0.2946,
0.3578

 5.9392, 0.2508,
0.4299

239.7693, 0.2958,
0.3559

 2.8082, 0.2315,
0.4630

289.1471, 0.2968,

 1.0324, 0.1476,

0.3542

0.5886

344.8773, 0.2977,
0.3527

0.0000, 0.0000,
0.0000

55.3783, 0.2846,
0.3739

55.3783, 0.2846,
0.3739

53.3386, 0.2777,
0.3901

57.8023, 0.2924,
0.3590

51.6556, 0.2722,
0.4073

60.6228, 0.3008,
0.3454

50.3087, 0.2681,
0.4252

63.8599, 0.3095,
0.3331


49.2726, 0.2660,
0.4435

67.5303, 0.3184,
0.3222

48.5176, 0.2658,
0.4618

71.6498, 0.3272,
0.3125

 48.0086, 0.2676,
0.4794

 73.9541, 0.3272,
0.3033

 47.7736, 0.2695,
0.4903

 74.5436, 0.3204,
0.2938

 75.0656, 0.3147,
0.2861

Harmonies

Analogous

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



55.3783, 0.3242, 0.3984



55.3783, 0.2846, 0.3739



55.3783, 0.2538, 0.3354

Triad

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



55.3783, 0.2846, 0.3739



55.3783, 0.2624, 0.2632



55.3783, 0.3929, 0.3516

Complementary

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



55.3783, 0.2846, 0.3739



35.6430, 0.3544, 0.2884

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.



55.3783, 0.3743, 0.3186



55.3783, 0.2846, 0.3739



55.3783, 0.2971, 0.2697

Square

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



55.3783, 0.2846, 0.3739



55.3783, 0.2418, 0.2726



55.3783, 0.3384, 0.2895



55.3783, 0.3880, 0.3816

Rectangle

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



55.3783, 0.2846, 0.3739



55.3783, 0.2418, 0.3095



55.3783, 0.3384, 0.2895



55.3783, 0.3892, 0.3406

Sweetspot

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



55.3806, 0.2846, 0.3739



94.7395, 0.3038, 0.3409



57.3841, 0.3326, 0.4213



20.1314, 0.3026, 0.3427



0.0000, 0.0000, 0.0000



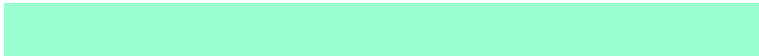
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3806, 0.2846, 0.3739



82.8235, 0.2798, 0.3848



55.7034, 0.2649, 0.3258



13.3104, 0.3044, 0.3400



28.8541, 0.2688, 0.4878



1.6293, 0.2600, 0.4559

Inverse Universe

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



35.6430, 0.3544, 0.2884



48.2344, 0.3664, 0.2800



35.2173, 0.3899, 0.3322



11.8985, 0.3219, 0.3182



8.9124, 0.5091, 0.2578



0.5143, 0.4656, 0.2339

Previews

White Background



This preview shows how the Yxy color 55.3783, 0.2846, 0.3739 looks on a white background.

Color Contrast Check

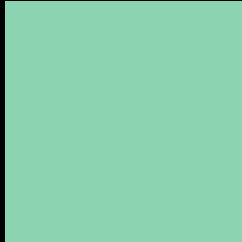
Large Text (above 18pt) WCAG AA × Fail

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 55.3783, 0.2846, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

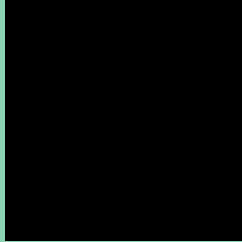
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

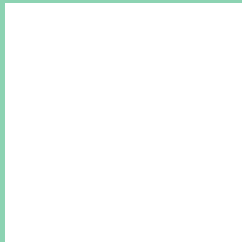
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3783, 0.2846, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 55.3783, 0.2846, 0.3739.

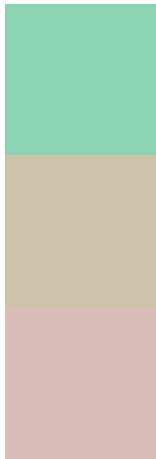


This preview shows how white text looks on a background with the Yxy color 55.3783, 0.2846, 0.3739.

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

55.3783, 0.2846, 0.3739

Protanopia

54.9116, 0.3401, 0.3595

Deuteranopia

54.8742, 0.3427, 0.3361



Tritanopia

55.2727, 0.2639, 0.3086

Trichromacy



Original Color

55.3783, 0.2846, 0.3739



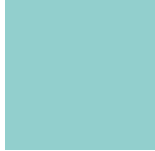
Protanomaly

54.6142, 0.3173, 0.3649



Deuteranomaly

54.2159, 0.3190, 0.3490



Tritanomaly

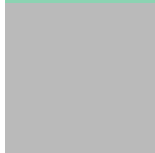
55.1444, 0.2716, 0.3315

Monochromacy



Original Color

55.3783, 0.2846, 0.3739



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

50.8841, 0.3010, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3783, 0.2846, 0.3739 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(140, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(140, 211, 178)  
}
```

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(140, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 211, 178) }
```

Border

The CSS property to change the border of an element to Yxy 55.3783, 0.2846, 0.3739 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(140, 211, 178) }
```

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

```
.border{ border-color:rgb(140, 211, 178) }
```

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

Here you see how a box with a 4 pixel rgb(140, 211, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(140, 211,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3783, 0.2846, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 211, 178) }
```

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

```
.background{ background-color: rgb(140,  
211, 178) }
```

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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