

Converting Colors

Yxy(54.2618, 0.2857, 0.3871)

Have a look what the booklet for
Yxy(54.2618, 0.2857, 0.3871)
contains.

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Color

Yxy(54.4396, 0.2856, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	85D3A9
RGB	133, 211, 169
RGB Percent	52%, 83%, 66%
CMY	0.4786, 0.1725, 0.3373
CMYK	0.37, 0.00, 0.20, 0.17
HSL	148°, 47%, 67%
HSV	148°, 37%, 83%
XYZ	40.1237, 54.4396, 45.9259
YIQ	182.8900, -33.0060, -29.5980

Conversions

Conversions Part 2

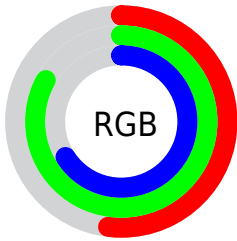
Format	Color
RYB	133, 186, 211
Decimal	8770473
CIELab	78.72, -33.18, 13.32
CIELCh	79, 35.756, 158.136
Yxy	54.4396, 0.2856, 0.3875
Android (android.graphics.Color)	4286960553 (0xFF85D3A9)
YUV	182.8900, -6.8478, -43.7535
Hunter-Lab	73.7832, -32.0512, 14.7435

Details

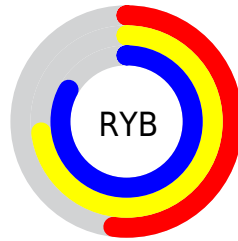
The Yxy color **54.4396, 0.2856, 0.3875** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.7104, 0.3538, 0.2775**, and the grayscale version is **47.3389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7206, 0.2905, 0.3630**, and **26.7236, 0.2773, 0.4045** is the 20% darker color. If you saturate the color by 10%, you get **52.4857, 0.2799, 0.4069**, and if you desaturate by 10%, it is **56.7800, 0.2923, 0.3695**.

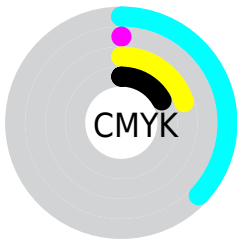
Distribution



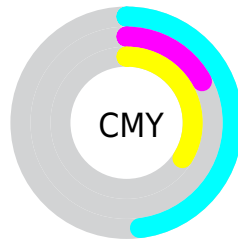
- Red (52%)
- Green (83%)
- Blue (66%)



- Red (52%)
- Yellow (73%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (17%)





- Cyan (48%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4396, 0.2856, 0.3875 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 54.4396, 0.2856, 0.3875 by changing the saturation by 10% instead.

 54.4396, 0.2856,
0.3875


 54.4396, 0.2856,
0.3875

403.7841, 0.2994,
0.3579

 38.9532, 0.2821,
0.3950

 96.7194, 0.2906,
0.3766

 26.7233, 0.2776,
0.4047

 124.2816, 0.2925,
0.3726

 17.3656, 0.2716,
0.4178


 156.6379, 0.2941,
0.3692

 10.4955, 0.2630,
0.4361

194.1726, 0.2955,
0.3663

 5.7287, 0.2501,
0.4639

237.2702, 0.2966,
0.3637

 2.6808, 0.2286,
0.5102

286.3151, 0.2977,

 0.9675, 0.0897,

0.3615

0.8099

341.6916, 0.2986,
0.3596

0.0000, 0.0000,
0.0000

54.4396, 0.2856,
0.3875

54.4396, 0.2856,
0.3875

52.4857, 0.2799,
0.4069

56.7800, 0.2923,
0.3695

50.8898, 0.2754,
0.4273

59.5202, 0.2996,
0.3531

49.6302, 0.2726,
0.4484


62.6809, 0.3073,
0.3384

48.6799, 0.2716,
0.4696

66.2794, 0.3151,
0.3252

48.0073, 0.2726,
0.4901

70.3321, 0.3228,
0.3136

 47.5712, 0.2754,
0.5094

 73.9771, 0.3271,
0.3030

 47.4645, 0.2764,
0.5150

 74.6629, 0.3191,
0.2922

 75.0737, 0.3147,
0.2861

Harmonies

Analogous

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



54.4396, 0.3321, 0.4129



54.4396, 0.2856, 0.3875



54.4396, 0.2482, 0.3428

Triad

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



54.4396, 0.2856, 0.3875



54.4396, 0.2498, 0.2533



54.4396, 0.4052, 0.3490

Complementary

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



54.4396, 0.2856, 0.3875



33.7104, 0.3538, 0.2775

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.



54.4396, 0.3799, 0.3115



54.4396, 0.2856, 0.3875



54.4396, 0.2879, 0.2586

Square

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



54.4396, 0.2856, 0.3875



54.4396, 0.2290, 0.2662



54.4396, 0.3357, 0.2794



54.4396, 0.4029, 0.3850

Rectangle

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



54.4396, 0.2856, 0.3875



54.4396, 0.2327, 0.3116



54.4396, 0.3357, 0.2794



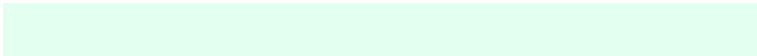
54.4396, 0.3996, 0.3363

Sweetspot

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



54.4418, 0.2856, 0.3875



94.1281, 0.3041, 0.3443



57.5035, 0.3394, 0.4298



20.0046, 0.3030, 0.3463



0.0000, 0.0000, 0.0000



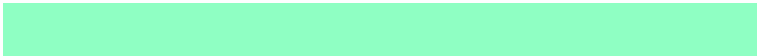
21.4041, 0.3127, 0.3290

Same Dimension

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



54.4418, 0.2856, 0.3875



81.2637, 0.2812, 0.4019



56.0877, 0.2635, 0.3340



13.2958, 0.3054, 0.3418



28.6619, 0.2756, 0.5122



1.6185, 0.2658, 0.4768

Inverse Universe

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



33.7104, 0.3538, 0.2775



45.1664, 0.3657, 0.2671



32.4183, 0.3977, 0.3243



11.9131, 0.3207, 0.3166



9.1063, 0.4784, 0.2409



0.5251, 0.4417, 0.2207

Previews

White Background



This preview shows how the Yxy color 54.4396, 0.2856, 0.3875 looks on a white background.

Color Contrast Check

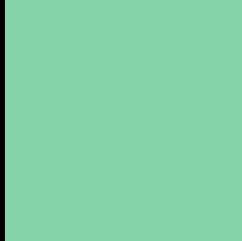
Large Text (above 18pt) WCAG AA × Fail

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 54.4396, 0.2856, 0.3875 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

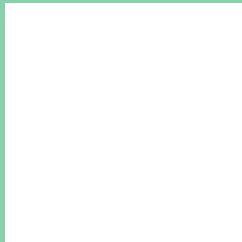
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4396, 0.2856, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 54.4396, 0.2856, 0.3875.

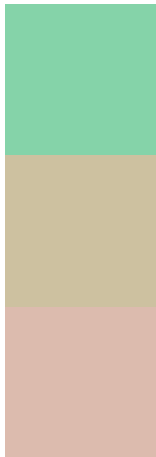


This preview shows how white text looks on a background with the Yxy color 54.4396, 0.2856, 0.3875.

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

54.4396, 0.2856, 0.3875

Protanopia

53.6571, 0.3484, 0.3695

Deuteranopia

53.8123, 0.3515, 0.3443



Tritanopia

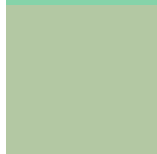
54.2823, 0.2614, 0.3083

Trichromacy



Original Color

54.4396, 0.2856, 0.3875



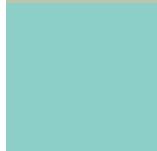
Protanomaly

53.5366, 0.3230, 0.3771



Deuteranomaly

53.1498, 0.3242, 0.3595



Tritanomaly

54.4181, 0.2703, 0.3369

Monochromacy



Original Color

54.4396, 0.2856, 0.3875



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.3536, 0.3015, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4396, 0.2856, 0.3875 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(133, 211, 169)` looks like.

```
.text, #text, p{  
    color:rgb(133, 211, 169)  
}
```

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(133, 211, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 211, 169) }
```

Border

The CSS property to change the border of an element to Yxy 54.4396, 0.2856, 0.3875 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(133, 211, 169) }
```

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

```
.border{ border-color:rgb(133, 211, 169) }
```

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

Here you see how a box with a 4 pixel rgb(133, 211, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 211, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 211, 169);  
box-shadow:4px 4px 4px 4px rgb(133, 211,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4396, 0.2856, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 211, 169) }
```

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

```
.background{ background-color: rgb(133,  
211, 169) }
```

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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