

Converting Colors

Yxy(54.4250, 0.2839, 0.3850)

Have a look what the booklet for
Yxy(54.4250, 0.2839, 0.3850)
contains.

Yxy(54.4343, 0.2838, 0.3847)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.4343, 0.2838, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	84D3AB
RGB	132, 211, 171
RGB Percent	52%, 83%, 67%
CMY	0.4824, 0.1725, 0.3295
CMYK	0.37, 0.00, 0.19, 0.17
HSL	150°, 47%, 67%
HSV	150°, 37%, 83%
XYZ	40.1571, 54.4343, 46.9066
YIQ	182.8190, -34.2440, -29.1880

Conversions

Conversions Part 2

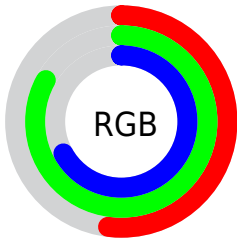
Format	Color
RYB	132, 185, 211
Decimal	8704939
CIELab	78.71, -33.07, 12.25
CIELCh	79, 35.263, 159.672
Yxy	54.4343, 0.2838, 0.3847
Android (android.graphics.Color)	4286895019 (0xFF84D3AB)
YUV	182.8190, -5.8268, -44.5683
Hunter-Lab	73.7796, -31.9594, 13.9511

Details

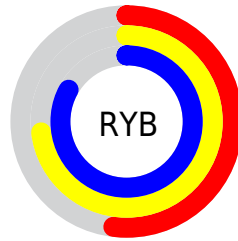
The Yxy color **54.4343, 0.2838, 0.3847** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.3284, 0.3573, 0.2798**, and the grayscale version is **47.2947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7024, 0.2889, 0.3608**, and **26.7285, 0.2751, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **52.5129, 0.2778, 0.4029**, and if you desaturate by 10%, it is **56.7371, 0.2908, 0.3678**.

Distribution



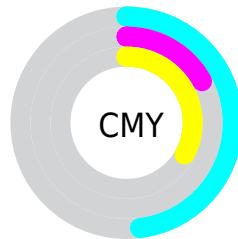
- Red (52%)
- Green (83%)
- Blue (67%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (17%)





- Cyan (48%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4343, 0.2838, 0.3847 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 54.4343, 0.2838, 0.3847 by changing the saturation by 10% instead.

 54.4343, 0.2838,
0.3847

 54.4343, 0.2838,
0.3847


403.7640, 0.2984,
0.3565

 38.9490, 0.2801,
0.3918

 96.7116, 0.2891,
0.3744

 26.7200, 0.2754,
0.4010


 124.2724, 0.2911,
0.3705

 17.3631, 0.2691,
0.4134


 156.6272, 0.2928,
0.3673

 10.4937, 0.2602,
0.4308

194.1603, 0.2942,
0.3645

 5.7275, 0.2469,
0.4570

237.2561, 0.2955,
0.3621

 2.6801, 0.2250,
0.5007

286.2991, 0.2966,

 0.9671, 0.0863,

0.3600

0.7610

341.6736, 0.2975,
0.3582

0.0000, 0.0000,
0.0000

54.4343, 0.2838,
0.3847

54.4343, 0.2838,
0.3847

52.5129, 0.2778,
0.4029

56.7371, 0.2908,
0.3678

50.9446, 0.2731,
0.4221

59.4346, 0.2985,
0.3524

49.7078, 0.2701,
0.4419


62.5473, 0.3066,
0.3384

48.7752, 0.2690,
0.4619


66.0926, 0.3148,
0.3260

48.1155, 0.2699,
0.4814

70.0867, 0.3231,
0.3149

 47.6855, 0.2726,
0.4999

 73.8573, 0.3285,
0.3050

 47.5944, 0.2735,
0.5044

 74.4943, 0.3210,
0.2947

 75.0726, 0.3147,
0.2861

Harmonies

Analogous

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



54.4343, 0.3295, 0.4110



54.4343, 0.2838, 0.3847



54.4343, 0.2476, 0.3402

Triad

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



54.4343, 0.2838, 0.3847



54.4343, 0.2522, 0.2541



54.4343, 0.4044, 0.3508

Complementary

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



54.4343, 0.2838, 0.3847



33.3284, 0.3573, 0.2798

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.



54.4343, 0.3808, 0.3136



54.4343, 0.2838, 0.3847



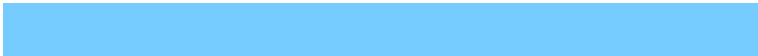
54.4343, 0.2905, 0.2602

Square

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



54.4343, 0.2838, 0.3847



54.4343, 0.2307, 0.2659



54.4343, 0.3379, 0.2814



54.4343, 0.4009, 0.3860

Rectangle

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



54.4343, 0.2838, 0.3847



54.4343, 0.2329, 0.3097



54.4343, 0.3379, 0.2814



54.4343, 0.3994, 0.3382

Sweetspot

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



54.4365, 0.2838, 0.3847



94.1811, 0.3036, 0.3434



57.1213, 0.3376, 0.4318



20.0173, 0.3025, 0.3453



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.



54.4365, 0.2838, 0.3847



81.1425, 0.2789, 0.3992



56.1349, 0.2615, 0.3306



13.3021, 0.3050, 0.3410



28.7414, 0.2727, 0.5018



1.6231, 0.2633, 0.4678

Inverse Universe

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



33.3284, 0.3573, 0.2798



44.1841, 0.3712, 0.2693



32.0511, 0.4024, 0.3276



11.9067, 0.3212, 0.3173



9.0178, 0.4917, 0.2482



0.5202, 0.4520, 0.2264

Previews

White Background



This preview shows how the Yxy color 54.4343, 0.2838, 0.3847 looks on a white background.

Color Contrast Check

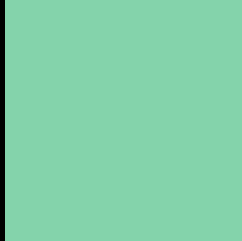
Large Text (above 18pt) WCAG AA × Fail

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 54.4343, 0.2838, 0.3847 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

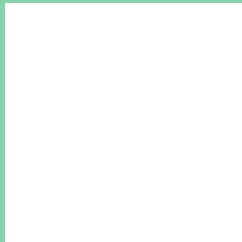
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4343, 0.2838, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 54.4343, 0.2838, 0.3847.



This preview shows how white text looks on a background with the Yxy color 54.4343, 0.2838, 0.3847.

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

54.4343, 0.2838, 0.3847

Protanopia

53.5859, 0.3460, 0.3672

Deuteranopia

53.7353, 0.3489, 0.3420



Tritanopia

54.2458, 0.2602, 0.3070

Trichromacy



Original Color

54.4343, 0.2838, 0.3847



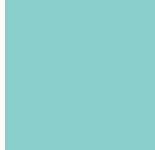
Protanomaly

53.4901, 0.3208, 0.3746



Deuteranomaly

53.1006, 0.3218, 0.3570



Tritanomaly

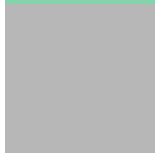
54.4264, 0.2686, 0.3342

Monochromacy



Original Color

54.4343, 0.2838, 0.3847



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.2871, 0.3000, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4343, 0.2838, 0.3847 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(132, 211, 171)` looks like.

```
.text, #text, p{  
    color:rgb(132, 211, 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(132, 211, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 211, 171) }
```

Border

The CSS property to change the border of an element to Yxy 54.4343, 0.2838, 0.3847 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(132, 211, 171) }
```

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

```
.border{ border-color:rgb(132, 211, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 211, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 211, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 211, 171);  
box-shadow:4px 4px 4px 4px rgb(132, 211,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4343, 0.2838, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 211, 171) }
```

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

```
.background{ background-color: rgb(132,  
211, 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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