

Converting Colors

Yxy(51.8850, 0.3158, 0.4171)

Have a look what the booklet for
Yxy(51.8850, 0.3158, 0.4171)
contains.

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Color

Yxy(51.6881, 0.3159, 0.4170)

Conversions

Conversions Part 1

Format	Color
Hex	97CC8D
RGB	151, 204, 141
RGB Percent	59%, 80%, 55%
CMY	0.4080, 0.1999, 0.4471
CMYK	0.26, 0.00, 0.31, 0.20
HSL	111°, 38%, 68%
HSV	111°, 31%, 80%
XYZ	39.1565, 51.6881, 33.1077
YIQ	180.9710, -11.3650, -30.8290

Conversions

Conversions Part 2

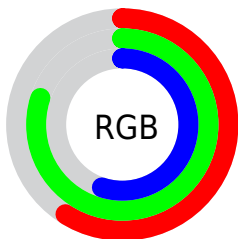
Format	Color
RYB	141, 204, 194
Decimal	9948301
CIELab	77.09, -29.23, 26.02
CIElCh	77, 39.129, 138.323
Yxy	51.6881, 0.3159, 0.4170
Android (android.graphics.Color)	4288138381 (0xFF97CC8D)
YUV	180.9710, -19.7057, -26.2846
Hunter-Lab	71.8944, -28.5972, 23.0228

Details

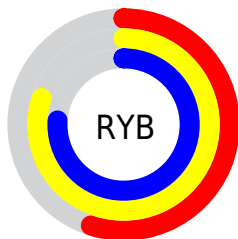
The Yxy color **51.6881, 0.3159, 0.4170** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.8824, 0.3067, 0.2506**, and the grayscale version is **46.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5819, 0.3164, 0.3943**, and **25.1475, 0.3147, 0.4449** is the 20% darker color. If you saturate the color by 10%, you get **49.6132, 0.3162, 0.4505**, and if you desaturate by 10%, it is **54.1186, 0.3152, 0.3855**.

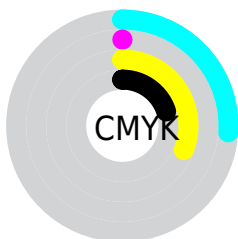
Distribution



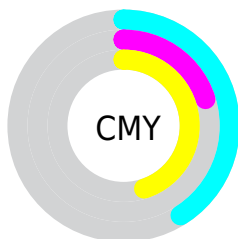
- Red (59%)
- Green (80%)
- Blue (55%)



- Red (55%)
- Yellow (80%)
- Blue (76%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)





- Cyan (41%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6881, 0.3159, 0.4170 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 51.6881, 0.3159, 0.4170 by changing the saturation by 10% instead.


 51.6881, 0.3159,
0.4170


 51.6881, 0.3159,
0.4170


393.2313, 0.3155,
0.3718

 36.7565, 0.3156,
0.4286

 92.6711, 0.3161,
0.4003

 25.0190, 0.3149,
0.4437


 119.4913, 0.3160,
0.3941

 16.0912, 0.3135,
0.4640


 151.0432, 0.3160,
0.3889

 9.5887, 0.3107,
0.4926

187.7111, 0.3159,
0.3845

 5.1271, 0.3045,
0.5355

229.8795, 0.3158,
0.3806

 2.3221, 0.3021,
0.6322

277.9327, 0.3157,

 0.7853, 0.0403,

0.3773

0.9597

332.2552, 0.3156,
0.3744

0.0000, 0.0000,
0.0000

51.6881, 0.3159,
0.4170

51.6881, 0.3159,
0.4170

49.6132, 0.3162,
0.4505

54.1186, 0.3152,
0.3855

47.8708, 0.3158,
0.4847

56.9136, 0.3141,
0.3568

46.4454, 0.3147,
0.5178


60.0895, 0.3128,
0.3311


45.3175, 0.3128,
0.5474


63.6602, 0.3115,
0.3085

44.4653, 0.3102,
0.5712

67.6385, 0.3100,
0.2887

 43.8640, 0.3071,
0.5876

 71.4840, 0.3143,
0.2791

 43.5036, 0.3044,
0.5965

 71.6722, 0.3151,
0.2792

Harmonies

Analogous

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



51.6881, 0.3668, 0.4237



51.6881, 0.3159, 0.4170



51.6881, 0.2665, 0.3790

Triad

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



51.6881, 0.3159, 0.4170



51.6881, 0.2258, 0.2522



51.6881, 0.4003, 0.3229

Complementary

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



51.6881, 0.3159, 0.4170



34.8824, 0.3067, 0.2506

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.



51.6881, 0.3562, 0.2851



51.6881, 0.3159, 0.4170



51.6881, 0.2554, 0.2455

Square

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



51.6881, 0.3159, 0.4170



51.6881, 0.2174, 0.2797



51.6881, 0.3023, 0.2576



51.6881, 0.4183, 0.3645

Rectangle

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



51.6881, 0.3159, 0.4170



51.6881, 0.2410, 0.3437



51.6881, 0.3023, 0.2576



51.6881, 0.3879, 0.3095

Sweetspot

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



51.6903, 0.3159, 0.4170



95.1272, 0.3139, 0.3520



53.1277, 0.3625, 0.3938



20.2032, 0.3141, 0.3560



0.0000, 0.0000, 0.0000



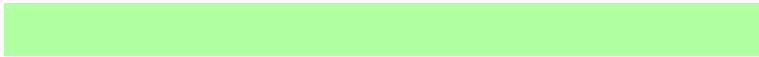
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6903, 0.3159, 0.4170



83.2613, 0.3161, 0.4389



51.4626, 0.2948, 0.3881



12.6207, 0.3139, 0.3528



27.4041, 0.3050, 0.5960



1.4413, 0.3164, 0.5870

Inverse Universe

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



34.8824, 0.3067, 0.2506



51.1262, 0.3048, 0.2337



35.3052, 0.3367, 0.2766



11.3104, 0.3113, 0.3060



8.2790, 0.2815, 0.1325



0.4518, 0.2897, 0.1369

Previews

White Background



This preview shows how the Yxy color 51.6881, 0.3159, 0.4170 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 51.6881, 0.3159, 0.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

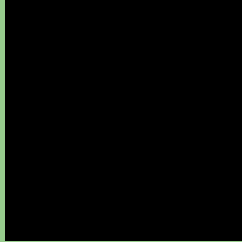
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6881, 0.3159, 0.4170

Background



This preview shows how black text looks on a background with the Yxy color 51.6881, 0.3159, 0.4170.

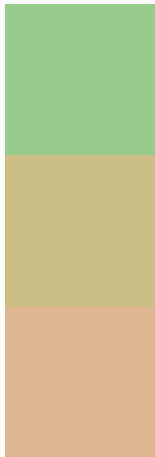


This preview shows how white text looks on a background with the Yxy color 51.6881, 0.3159, 0.4170.

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

51.6881, 0.3159, 0.4170

Protanopia

51.4136, 0.3684, 0.3972

Deuteranopia

51.2192, 0.3796, 0.3715



Tritanopia

51.5199, 0.2777, 0.3085

Trichromacy



Original Color

51.6881, 0.3159, 0.4170

Protanomaly

51.1506, 0.3484, 0.4046

Deuteranomaly

50.7108, 0.3550, 0.3874

Tritanomaly

51.3043, 0.2915, 0.3449

Monochromacy



Original Color

51.6881, 0.3159, 0.4170

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.6944, 0.3145, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6881, 0.3159, 0.4170 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(151, 204, 141)` looks like.

```
.text, #text, p{  
    color:rgb(151, 204, 141)  
}
```

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(151, 204, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 204, 141) }
```

Border

The CSS property to change the border of an element to Yxy 51.6881, 0.3159, 0.4170 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(151, 204, 141) }
```

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

```
.border{ border-color:rgb(151, 204, 141) }
```

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

Here you see how a box with a 4 pixel rgb(151, 204, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 204, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 204, 141);  
box-shadow:4px 4px 4px 4px rgb(151, 204,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6881, 0.3159, 0.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 204, 141) }
```

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

```
.background{ background-color: rgb(151,  
204, 141) }
```

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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