

Converting Colors

Yxy(51.5144, 0.2832, 0.3396)

Have a look what the booklet for
Yxy(51.5144, 0.2832, 0.3396)
contains.

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Color

Yxy(51.2838, 0.2833, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	98C7BF
RGB	152, 199, 191
RGB Percent	60%, 78%, 75%
CMY	0.4038, 0.2196, 0.2509
CMYK	0.24, 0.00, 0.04, 0.22
HSL	170°, 30%, 69%
HSV	170°, 24%, 78%
XYZ	42.7818, 51.2838, 56.9468
YIQ	184.0350, -25.4440, -12.4520

Conversions

Conversions Part 2

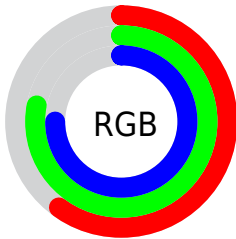
Format	Color
RYB	152, 178, 199
Decimal	10012607
CIELab	76.85, -17.03, -1.05
CIELCh	77, 17.064, 183.532
Yxy	51.2838, 0.2833, 0.3396
Android (android.graphics.Color)	4288202687 (0xFF98C7BF)
YUV	184.0350, 3.4337, -28.0947
Hunter-Lab	71.6127, -18.6854, 2.9812

Details

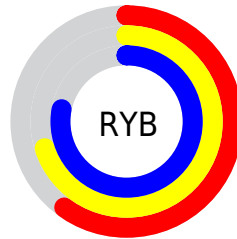
The Yxy color **51.2838, 0.2833, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1453, 0.3529, 0.3187**, and the grayscale version is **47.9488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5008, 0.2885, 0.3373**, and **24.7951, 0.2753, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **49.3766, 0.2723, 0.3447**, and if you desaturate by 10%, it is **53.5208, 0.2953, 0.3348**.

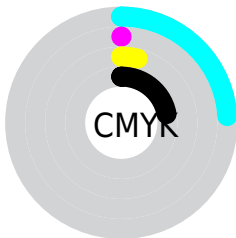
Distribution



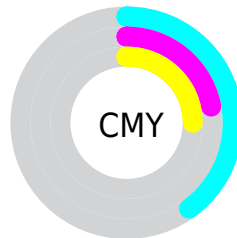
- Red (60%)
- Green (78%)
- Blue (75%)



- Red (60%)
- Yellow (70%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2838, 0.2833, 0.3396 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 51.2838, 0.2833, 0.3396 by changing the saturation by 10% instead.

 51.2838, 0.2833,
0.3396

 51.2838, 0.2833,
0.3396

391.6654, 0.2977,
0.3345

 36.4345, 0.2798,
0.3408


 92.0741, 0.2885,
0.3378

 24.7700, 0.2753,
0.3424


 118.7840, 0.2904,
0.3371

 15.9058, 0.2695,
0.3445


150.2161, 0.2921,
0.3365

 9.4575, 0.2614,
0.3472

186.7550, 0.2935,
0.3360

 5.0408, 0.2497,
0.3512

228.7850, 0.2948,
0.3355

 2.2712, 0.2313,
0.3574

276.6904, 0.2959,

 0.7584, 0.1554,

0.3351

0.3864

330.8558, 0.2969,
0.3348

0.0000, 0.0000,
0.0000

51.2838, 0.2833,
0.3396

51.2838, 0.2833,
0.3396

49.3766, 0.2723,
0.3447

53.5208, 0.2953,
0.3348

47.7769, 0.2625,
0.3502

56.0962, 0.3080,
0.3305

46.4691, 0.2543,
0.3560

59.0261, 0.3212,
0.3265

45.4342, 0.2478,
0.3619

62.3239, 0.3345,
0.3230

44.6506, 0.2433,
0.3680

66.0021, 0.3478,
0.3199

■ 44.0934, 0.2406,
0.3741

■ 66.8230, 0.3479,
0.3165

■ 43.7327, 0.2398,
0.3801

■ 66.9945, 0.3453,
0.3131

■ 43.5697, 0.2400,
0.3839

■ 67.1696, 0.3427,
0.3097

■ 67.3484, 0.3400,
0.3063

Harmonies

Analogous

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



51.2838, 0.3035, 0.3589



51.2838, 0.2833, 0.3396



51.2838, 0.2711, 0.3179

Triad

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



51.2838, 0.2833, 0.3396



51.2838, 0.2976, 0.2920



51.2838, 0.3577, 0.3557

Complementary

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



51.2838, 0.2833, 0.3396



37.1453, 0.3529, 0.3187

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.



51.2838, 0.3562, 0.3375



51.2838, 0.2833, 0.3396



51.2838, 0.3208, 0.3017

Square

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



51.2838, 0.2833, 0.3396



51.2838, 0.2791, 0.2913



51.2838, 0.3425, 0.3180



51.2838, 0.3467, 0.3677

Rectangle

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



51.2838, 0.2833, 0.3396



51.2838, 0.2688, 0.3055



51.2838, 0.3425, 0.3180



51.2838, 0.3587, 0.3501

Sweetspot

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



51.2859, 0.2833, 0.3396



96.5767, 0.3035, 0.3320



50.6527, 0.3163, 0.3935



20.6113, 0.3027, 0.3322



0.0000, 0.0000, 0.0000



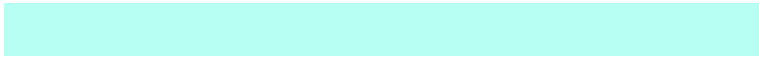
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2859, 0.2833, 0.3396



88.1248, 0.2779, 0.3420



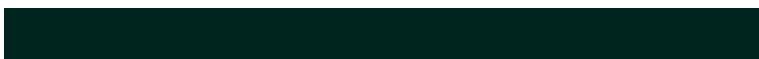
45.1336, 0.2766, 0.3088



12.0355, 0.3006, 0.3329



28.0287, 0.2398, 0.3831



1.3356, 0.2363, 0.3705

Inverse Universe

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



37.1453, 0.3529, 0.3187



59.3478, 0.3639, 0.3165



42.0108, 0.3568, 0.3484



10.6658, 0.3263, 0.3251



7.8901, 0.6132, 0.3152



0.3830, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 51.2838, 0.2833, 0.3396 looks on a white background.

Color Contrast Check

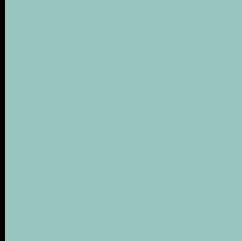
Large Text (above 18pt) WCAG AA × Fail

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 51.2838, 0.2833, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

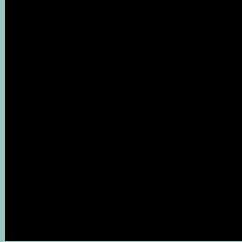
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

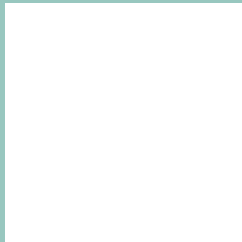
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2838, 0.2833, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 51.2838, 0.2833, 0.3396.

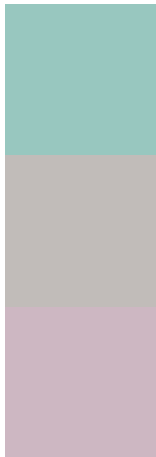


This preview shows how white text looks on a background with the Yxy color 51.2838, 0.2833, 0.3396.

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

51.2838, 0.2833, 0.3396

Protanopia

50.8067, 0.3192, 0.3328

Deuteranopia

50.7412, 0.3227, 0.3158



Tritanopia

51.3012, 0.2724, 0.3082

Trichromacy



Original Color

51.2838, 0.2833, 0.3396

Protanomaly

50.7521, 0.3052, 0.3354

Deuteranomaly

50.6846, 0.3073, 0.3239

Tritanomaly

51.2607, 0.2768, 0.3197

Monochromacy



Original Color

51.2838, 0.2833, 0.3396

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7537, 0.3005, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2838, 0.2833, 0.3396 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(152, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(152, 199, 191)  
}
```

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(152, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 199, 191) }
```

Border

The CSS property to change the border of an element to Yxy 51.2838, 0.2833, 0.3396 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(152, 199, 191) }
```

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

```
.border{ border-color:rgb(152, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(152, 199,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2838, 0.2833, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 199, 191) }
```

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

```
.background{ background-color: rgb(152,  
199, 191) }
```

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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