

Converting Colors

$Yxy(51.8138, 0.2995, 0.3678)$

Have a look what the booklet for
Yxy(51.8138, 0.2995, 0.3678)
contains.

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Color

Yxy(51.9199, 0.2996, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	9DC9AC
RGB	157, 201, 172
RGB Percent	62%, 79%, 67%
CMY	0.3843, 0.2117, 0.3256
CMYK	0.22, 0.00, 0.14, 0.21
HSL	140°, 29%, 70%
HSV	140°, 22%, 79%
XYZ	42.2351, 51.9199, 46.8167
YIQ	184.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

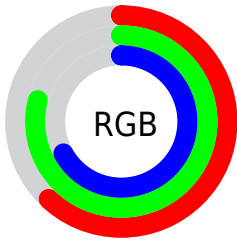
Format	Color
RYB	157, 190, 201
Decimal	10340780
CIELab	77.23, -20.32, 9.79
CIELCh	77, 22.555, 154.268
Yxy	51.9199, 0.2996, 0.3683
Android (android.graphics.Color)	4288530860 (0xFF9DC9AC)
YUV	184.5380, -6.1812, -24.1508
Hunter-Lab	72.0555, -21.4697, 11.9162

Details

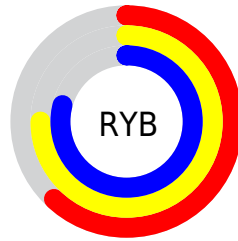
The Yxy color **51.9199, 0.2996, 0.3683** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.0760, 0.3287, 0.2927**, and the grayscale version is **48.2875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0631, 0.3022, 0.3585**, and **25.2268, 0.2956, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **49.5798, 0.2940, 0.3895**, and if you desaturate by 10%, it is **54.6477, 0.3055, 0.3491**.

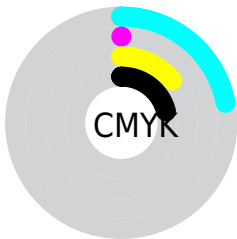
Distribution



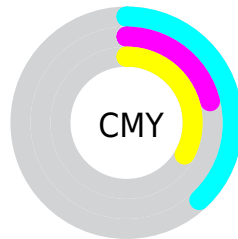
- Red (62%)
- Green (79%)
- Blue (67%)



- Red (62%)
- Yellow (75%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)





- Cyan (38%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9199, 0.2996, 0.3683 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 51.9199, 0.2996, 0.3683 by changing the saturation by 10% instead.


 51.9199, 0.2996,
0.3683

 51.9199, 0.2996,
0.3683


394.1273, 0.3063,
0.3485

 36.9412, 0.2979,
0.3733


 93.0131, 0.3021,
0.3610

 25.1620, 0.2957,
0.3798


 119.8964, 0.3030,
0.3583

 16.1978, 0.2926,
0.3884


151.5167, 0.3038,
0.3561

 9.6642, 0.2883,
0.4007

188.2585, 0.3044,
0.3541

 5.1769, 0.2818,
0.4191

230.5060, 0.3050,
0.3524

 2.3514, 0.2704,
0.4502

278.6437, 0.3055,

 0.8007, 0.2115,

0.3509

0.6390

333.0560, 0.3059,
0.3496

0.0000, 0.0000,
0.0000

51.9199, 0.2996,
0.3683

51.9199, 0.2996,
0.3683

49.5798, 0.2940,
0.3895

54.6477, 0.3055,
0.3491

47.6032, 0.2890,
0.4127

57.7733, 0.3116,
0.3320

45.9732, 0.2850,
0.4372


61.3144, 0.3176,
0.3169

44.6686, 0.2822,
0.4627


65.2858, 0.3234,
0.3037

43.6663, 0.2809,
0.4881


69.2248, 0.3272,
0.2919

 42.9396, 0.2814,
0.5124

 70.0340, 0.3176,
0.2794

 42.4569, 0.2836,
0.5345

 70.2567, 0.3152,
0.2762

 42.1998, 0.2862,
0.5504

Harmonies

Analogous

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



51.9199, 0.3300, 0.3823



51.9199, 0.2996, 0.3683



51.9199, 0.2736, 0.3421

Triad

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



51.9199, 0.2996, 0.3683



51.9199, 0.2692, 0.2797



51.9199, 0.3704, 0.3402

Complementary

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



51.9199, 0.2996, 0.3683



40.0760, 0.3287, 0.2927

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.



51.9199, 0.3526, 0.3150



51.9199, 0.2996, 0.3683



51.9199, 0.2934, 0.2812

Square

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



51.9199, 0.2996, 0.3683



51.9199, 0.2567, 0.2908



51.9199, 0.3239, 0.2939



51.9199, 0.3718, 0.3640

Rectangle

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



51.9199, 0.2996, 0.3683



51.9199, 0.2619, 0.3226



51.9199, 0.3239, 0.2939



51.9199, 0.3661, 0.3317

Sweetspot

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



51.9221, 0.2996, 0.3683



96.0353, 0.3084, 0.3407



54.6920, 0.3332, 0.3853



20.4859, 0.3080, 0.3417



0.0000, 0.0000, 0.0000



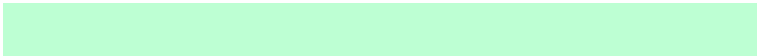
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9221, 0.2996, 0.3683



87.0178, 0.2970, 0.3775



52.8244, 0.2852, 0.3386



11.9465, 0.3070, 0.3446



26.5470, 0.2855, 0.5477



1.2706, 0.2733, 0.5039

Inverse Universe

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



40.0760, 0.3287, 0.2927



63.3762, 0.3328, 0.2850



39.2224, 0.3495, 0.3197



10.7528, 0.3189, 0.3139



8.8821, 0.4290, 0.2137



0.4337, 0.4010, 0.1983

Previews

White Background



This preview shows how the Yxy color 51.9199, 0.2996, 0.3683 looks on a white background.

Color Contrast Check

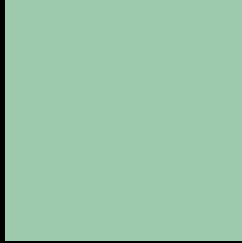
Large Text (above 18pt) WCAG AA × Fail

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 51.9199, 0.2996, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

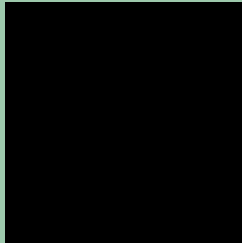
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9199, 0.2996, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 51.9199, 0.2996, 0.3683.



This preview shows how white text looks on a background with the Yxy color 51.9199, 0.2996, 0.3683.

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

51.9199, 0.2996, 0.3683

Protanopia

51.7222, 0.3391, 0.3590

Deuteranopia

51.7117, 0.3452, 0.3387



Tritanopia

51.6259, 0.2784, 0.3085

Trichromacy



Original Color

51.9199, 0.2996, 0.3683

Protanomaly

51.6011, 0.3241, 0.3626

Deuteranomaly

51.2595, 0.3268, 0.3480

Tritanomaly

51.5408, 0.2855, 0.3289

Monochromacy



Original Color

51.9199, 0.2996, 0.3683

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.6709, 0.3080, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9199, 0.2996, 0.3683 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(157, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 172)  
}
```

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(157, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 172) }
```

Border

The CSS property to change the border of an element to Yxy 51.9199, 0.2996, 0.3683 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(157, 201, 172) }
```

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

```
.border{ border-color:rgb(157, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9199, 0.2996, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 201, 172) }
```

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

```
.background{ background-color: rgb(157,  
201, 172) }
```

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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