

Converting Colors

Yxy(51.8884, 0.2885, 0.3404)

Have a look what the booklet for
Yxy(51.8884, 0.2885, 0.3404)
contains.

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Color

Yxy(51.9355, 0.2889, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	9FC7BE
RGB	159, 199, 190
RGB Percent	62%, 78%, 75%
CMY	0.3762, 0.2197, 0.2548
CMYK	0.20, 0.00, 0.05, 0.22
HSL	167°, 26%, 70%
HSV	167°, 20%, 78%
XYZ	44.0263, 51.9355, 56.4311
YIQ	186.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

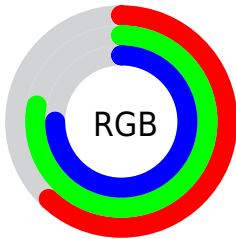
Format	Color
RYB	159, 182, 199
Decimal	10471358
CIELab	77.24, -15.04, 0.11
CIELCh	77, 15.040, 179.574
Yxy	51.9355, 0.2889, 0.3408
Android (android.graphics.Color)	4288661438 (0xFF9FC7BE)
YUV	186.0140, 1.9651, -23.6913
Hunter-Lab	72.0663, -17.0678, 4.0197

Details

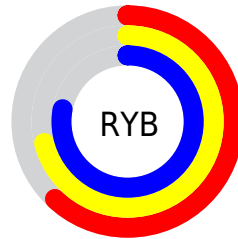
The Yxy color **51.9355, 0.2889, 0.3408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7862, 0.3434, 0.3176**, and the grayscale version is **49.1164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4700, 0.2931, 0.3382**, and **25.1827, 0.2824, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **49.8709, 0.2781, 0.3475**, and if you desaturate by 10%, it is **54.3379, 0.3005, 0.3346**.

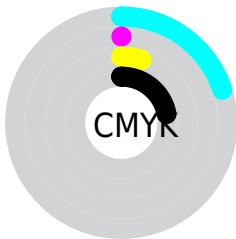
Distribution



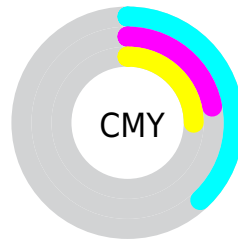
- Red (62%)
- Green (78%)
- Blue (75%)



- Red (62%)
- Yellow (71%)
- Blue (78%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9355, 0.2889, 0.3408 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 51.9355, 0.2889, 0.3408 by changing the saturation by 10% instead.


 51.9355, 0.2889,
0.3408

 51.9355, 0.2889,
0.3408


394.1876, 0.3006,
0.3350

 36.9537, 0.2861,
0.3422

 93.0361, 0.2931,
0.3387

 25.1716, 0.2824,
0.3440


 119.9237, 0.2947,
0.3379

 16.2050, 0.2777,
0.3464


151.5486, 0.2960,
0.3373

 9.6693, 0.2711,
0.3496

188.2953, 0.2972,
0.3367

 5.1803, 0.2616,
0.3543

230.5481, 0.2982,
0.3362

 2.3534, 0.2466,
0.3618

278.6915, 0.2991,

 0.8018, 0.1915,

0.3358

0.3889

333.1099, 0.2999,
0.3354

0.0000, 0.0000,
0.0000

51.9355, 0.2889,
0.3408

51.9355, 0.2889,
0.3408

49.8709, 0.2781,
0.3475

54.3379, 0.3005,
0.3346

48.1220, 0.2684,
0.3547

57.0863, 0.3126,
0.3290

46.6740, 0.2601,
0.3623

60.1966, 0.3251,
0.3240

45.5083, 0.2534,
0.3703

63.6819, 0.3375,
0.3195

44.6042, 0.2486,
0.3785

66.8738, 0.3471,
0.3154

■ 43.9381, 0.2457,
0.3867

■ 67.1030, 0.3436,
0.3109

■ 43.4823, 0.2447,
0.3950

■ 67.3385, 0.3401,
0.3064

■ 43.1849, 0.2453,
0.4032

■ 67.5803, 0.3367,
0.3020

■ 67.8286, 0.3333,
0.2976

Harmonies

Analogous

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



51.9355, 0.3073, 0.3568



51.9355, 0.2889, 0.3408



51.9355, 0.2770, 0.3218

Triad

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



51.9355, 0.2889, 0.3408



51.9355, 0.2970, 0.2958



51.9355, 0.3526, 0.3507

Complementary

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



51.9355, 0.2889, 0.3408



39.7862, 0.3434, 0.3176

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.



51.9355, 0.3498, 0.3343



51.9355, 0.2889, 0.3408



51.9355, 0.3171, 0.3034

Square

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



51.9355, 0.2889, 0.3408



51.9355, 0.2815, 0.2964



51.9355, 0.3366, 0.3172



51.9355, 0.3444, 0.3620

Rectangle

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



51.9355, 0.2889, 0.3408



51.9355, 0.2741, 0.3104



51.9355, 0.3366, 0.3172



51.9355, 0.3530, 0.3456

Sweetspot

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



51.9376, 0.2889, 0.3408



96.9935, 0.3053, 0.3323



51.7135, 0.3175, 0.3826



20.6935, 0.3045, 0.3327



0.0000, 0.0000, 0.0000



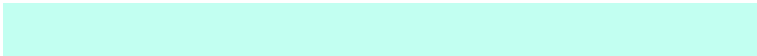
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9376, 0.2889, 0.3408



89.3291, 0.2842, 0.3436



47.6128, 0.2821, 0.3148



12.0252, 0.3013, 0.3342



27.7860, 0.2450, 0.4020



1.3260, 0.2403, 0.3849

Inverse Universe

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



39.7862, 0.3434, 0.3176



64.2863, 0.3519, 0.3150



43.2863, 0.3495, 0.3428



10.6753, 0.3255, 0.3238



7.9391, 0.5986, 0.3071



0.3873, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 51.9355, 0.2889, 0.3408 looks on a white background.

Color Contrast Check

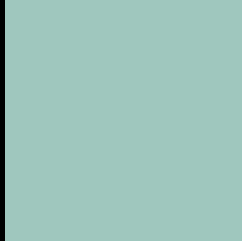
Large Text (above 18pt) WCAG AA × Fail

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 51.9355, 0.2889, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

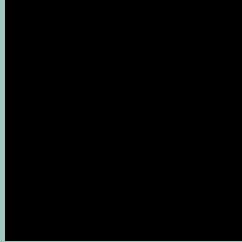
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

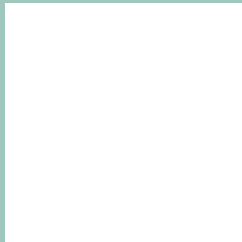
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9355, 0.2889, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 51.9355, 0.2889, 0.3408.



This preview shows how white text looks on a background with the Yxy color 51.9355, 0.2889, 0.3408.

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

51.9355, 0.2889, 0.3408

Protanopia

51.5001, 0.3208, 0.3340

Deuteranopia

51.3966, 0.3251, 0.3182



Tritanopia

51.9695, 0.2778, 0.3098

Trichromacy



Original Color

51.9355, 0.2889, 0.3408

Protanomaly

51.6729, 0.3084, 0.3366

Deuteranomaly

51.1481, 0.3113, 0.3253

Tritanomaly

51.9257, 0.2823, 0.3211

Monochromacy



Original Color

51.9355, 0.2889, 0.3408

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0796, 0.3036, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9355, 0.2889, 0.3408 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(159, 199, 190)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 190)  
}
```

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(159, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.9355, 0.2889, 0.3408 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(159, 199, 190) }
```

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

```
.border{ border-color:rgb(159, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9355, 0.2889, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 190) }
```

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

```
.background{ background-color: rgb(159,  
199, 190) }
```

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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