

Converting Colors

$Yxy(51.7196, 0.2971, 0.3384)$

Have a look what the booklet for
Yxy(51.7196, 0.2971, 0.3384)
contains.

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Color

Yxy(51.5890, 0.2968, 0.3381)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A9C4BD |
| RGB | 169, 196, 189 |
| RGB Percent | 66%, 77%, 74% |
| CMY | 0.3372, 0.2314, 0.2589 |
| CMYK | 0.14, 0.00, 0.04, 0.23 |
| HSL | 164°, 19%, 72% |
| HSV | 164°, 14%, 77% |
| XYZ | 45.2872, 51.5890, 55.7088 |
| YIQ | 187.1290, -13.8450, -7.9010 |

Conversions

Conversions Part 2

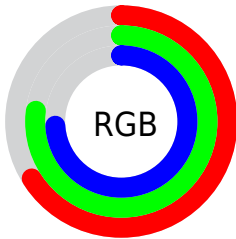
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 169, 185, 196 |
| Decimal | 11125949 |
| CIE Lab | 77.03, -10.49, 0.44 |
| CIE LCh | 77, 10.494, 177.587 |
| Yxy | 51.5890, 0.2968, 0.3381 |
| Android (android.graphics.Color) | 4289316029 (0xFFA9C4BD) |
| YUV | 187.1290, 0.9224, -15.8991 |
| Hunter-Lab | 71.8255, -13.1472, 4.2917 |

Details

The Yxy color **51.5890, 0.2968, 0.3381** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2500, 0.3315, 0.3201**, and the grayscale version is **49.7724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6904, 0.2995, 0.3371**, and **24.9055, 0.2926, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **49.3660, 0.2859, 0.3455**, and if you desaturate by 10%, it is **54.1491, 0.3083, 0.3314**.

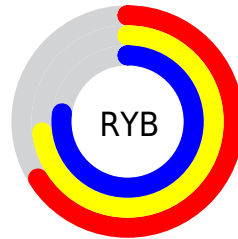
Distribution



Red (66%)

Green (77%)

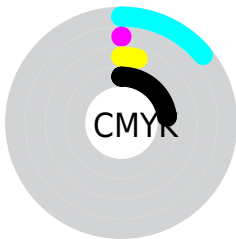
Blue (74%)



Red (66%)

Yellow (73%)

Blue (77%)

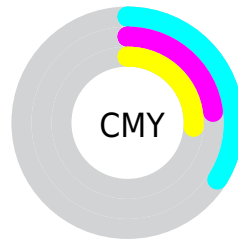


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (23%)



Cyan (34%)


Magenta (23%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5890, 0.2968, 0.3381 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 51.5890, 0.2968, 0.3381 by changing the saturation by 10% instead.

 51.5890, 0.2968,
0.3381


 51.5890, 0.2968,
0.3381

392.8479, 0.3046,
0.3336

 36.6776, 0.2949,
0.3392


 92.5248, 0.2996,
0.3365

 24.9580, 0.2924,
0.3406


 119.3180, 0.3007,
0.3359

 16.0457, 0.2892,
0.3424


150.8406, 0.3016,
0.3354

 9.5565, 0.2848,
0.3450

187.4769, 0.3024,
0.3349

 5.1059, 0.2783,
0.3487

229.6114, 0.3030,
0.3345

 2.3095, 0.2680,
0.3547

277.6285, 0.3036,

 0.7788, 0.2328,

0.3342

0.3744

331.9125, 0.3042,
0.3339

0.0000, 0.0000,
0.0000

51.5890, 0.2968,
0.3381

51.5890, 0.2968,
0.3381

49.3660, 0.2859,
0.3455

54.1491, 0.3083,
0.3314

47.4591, 0.2759,
0.3535

57.0533, 0.3201,
0.3253

45.8548, 0.2670,
0.3621

60.3167, 0.3320,
0.3199

44.5363, 0.2596,
0.3712

63.9513, 0.3439,
0.3151

43.4849, 0.2538,
0.3806

65.6198, 0.3459,
0.3102

■ 42.6799, 0.2500,
0.3903

■ 65.8848, 0.3419,
0.3051

■ 42.0971, 0.2481,
0.4000

■ 66.1580, 0.3380,
0.3000

■ 41.7076, 0.2481,
0.4097

■ 66.4394, 0.3341,
0.2950

■ 41.5287, 0.2488,
0.4156

■ 66.7293, 0.3302,
0.2901

Harmonies

Analogous

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



51.5890, 0.3100, 0.3488



51.5890, 0.2968, 0.3381



51.5890, 0.2879, 0.3250

Triad

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



51.5890, 0.2968, 0.3381



51.5890, 0.3009, 0.3054



51.5890, 0.3407, 0.3437

Complementary

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



51.5890, 0.2968, 0.3381



43.2500, 0.3315, 0.3201

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.



51.5890, 0.3381, 0.3321



51.5890, 0.2968, 0.3381



51.5890, 0.3150, 0.3103

Square

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



51.5890, 0.2968, 0.3381



51.5890, 0.2902, 0.3064



51.5890, 0.3287, 0.3200



51.5890, 0.3355, 0.3518

Rectangle

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



51.5890, 0.2968, 0.3381



51.5890, 0.2856, 0.3169



51.5890, 0.3287, 0.3200



51.5890, 0.3407, 0.3401

Sweetspot

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



51.5912, 0.2968, 0.3381



97.9470, 0.3079, 0.3316



51.6006, 0.3168, 0.3644



20.8845, 0.3071, 0.3320



0.0000, 0.0000, 0.0000



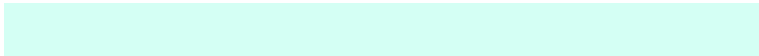
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5912, 0.2968, 0.3381



91.9809, 0.2929, 0.3406



49.1205, 0.2917, 0.3207



11.3823, 0.3018, 0.3350



26.6975, 0.2484, 0.4143



1.1643, 0.2425, 0.3929

Inverse Universe

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



43.2500, 0.3315, 0.3201



73.4951, 0.3372, 0.3177



45.3803, 0.3367, 0.3371



10.1199, 0.3249, 0.3230



7.7060, 0.5874, 0.3009



0.3447, 0.5217, 0.2648

Previews

White Background



This preview shows how the Yxy color 51.5890, 0.2968, 0.3381 looks on a white background.

Color Contrast Check

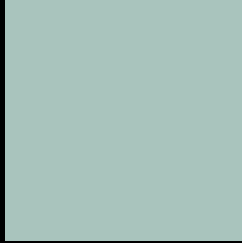
Large Text (above 18pt) WCAG AA × Fail

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 51.5890, 0.2968, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

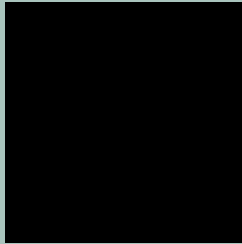
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

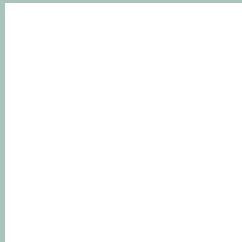
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5890, 0.2968, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 51.5890, 0.2968, 0.3381.



This preview shows how white text looks on a background with the Yxy color 51.5890, 0.2968, 0.3381.

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

51.5890, 0.2968, 0.3381

Protanopia

51.3673, 0.3199, 0.3340

Deuteranopia

51.3080, 0.3267, 0.3206



Tritanopia

51.4647, 0.2859, 0.3100

Trichromacy



Original Color

51.5890, 0.2968, 0.3381

Protanomaly

51.5587, 0.3116, 0.3366

Deuteranomaly

51.0216, 0.3153, 0.3265

Tritanomaly

51.4585, 0.2899, 0.3200

Monochromacy



Original Color

51.5890, 0.2968, 0.3381

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1611, 0.3061, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5890, 0.2968, 0.3381 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(169, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 196, 189)  
}
```

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(169, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.5890, 0.2968, 0.3381 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(169, 196, 189) }
```

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

```
.border{ border-color:rgb(169, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(169, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5890, 0.2968, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 196, 189) }
```

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

```
.background{ background-color: rgb(169,  
196, 189) }
```

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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