

Converting Colors

Yxy(51.0244, 0.2959, 0.3422)

Have a look what the booklet for
Yxy(51.0244, 0.2959, 0.3422)
contains.

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Color

Yxy(51.0244, 0.2959, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	A5C4BA
RGB	165, 196, 186
RGB Percent	65%, 77%, 73%
CMY	0.3529, 0.2314, 0.2707
CMYK	0.16, 0.00, 0.05, 0.23
HSL	161°, 21%, 71%
HSV	161°, 16%, 77%
XYZ	44.1207, 51.0244, 53.9618
YIQ	185.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

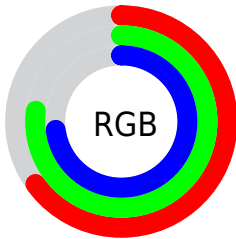
Format	Color
RYB	165, 183, 196
Decimal	10863802
CIELab	76.69, -12.40, 1.54
CIElCh	77, 12.495, 172.900
Yxy	51.0244, 0.2959, 0.3422
Android (android.graphics.Color)	4289053882 (0xFFA5C4BA)
YUV	185.5910, 0.2016, -18.0583
Hunter-Lab	71.4314, -14.7515, 5.2122

Details

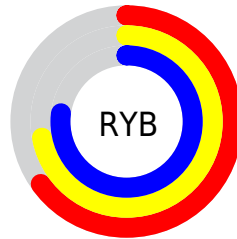
The Yxy color **51.0244, 0.2959, 0.3422** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7516, 0.3330, 0.3162**, and the grayscale version is **48.8697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8770, 0.2987, 0.3402**, and **24.5502, 0.2914, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **48.8191, 0.2859, 0.3517**, and if you desaturate by 10%, it is **53.5681, 0.3064, 0.3336**.

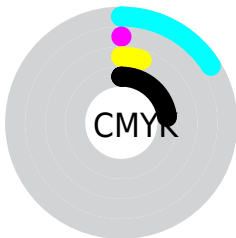
Distribution



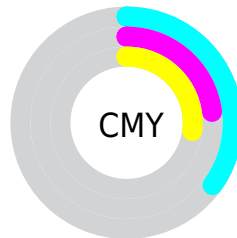
- Red (65%)
- Green (77%)
- Blue (73%)



- Red (65%)
- Yellow (72%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)





- Cyan (35%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0244, 0.2959, 0.3422 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 51.0244, 0.2959, 0.3422 by changing the saturation by 10% instead.


 51.0244, 0.2959,
0.3422

 51.0244, 0.2959,
0.3422


390.6586, 0.3042,
0.3357

 36.2280, 0.2939,
0.3438


 91.6908, 0.2989,
0.3398

 24.6104, 0.2913,
0.3459


 118.3297, 0.3000,
0.3389

 15.7870, 0.2878,
0.3486

149.6848, 0.3010,
0.3382

 9.3736, 0.2831,
0.3524

186.1406, 0.3018,
0.3375

 4.9856, 0.2761,
0.3581

228.0815, 0.3025,
0.3370

 2.2388, 0.2648,
0.3673

275.8919, 0.3032,

 0.7410, 0.2181,

0.3365

0.4024

329.9561, 0.3037,
0.3361

0.0000, 0.0000,
0.0000

51.0244, 0.2959,
0.3422

51.0244, 0.2959,
0.3422

48.8191, 0.2859,
0.3517

53.5681, 0.3064,
0.3336

46.9310, 0.2768,
0.3619

56.4576, 0.3173,
0.3259

45.3462, 0.2688,
0.3730

59.7080, 0.3282,
0.3189

44.0477, 0.2622,
0.3846

63.3318, 0.3391,
0.3128

43.0161, 0.2574,
0.3967

65.7870, 0.3434,
0.3069

■ 42.2302, 0.2544,
0.4090

■ 66.1250, 0.3384,
0.3006

■ 41.6648, 0.2535,
0.4214

■ 66.4758, 0.3336,
0.2944

■ 41.2890, 0.2545,
0.4337

■ 66.8397, 0.3288,
0.2883

■ 41.1618, 0.2552,
0.4388

■ 67.2166, 0.3240,
0.2822

Harmonies

Analogous

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



51.0244, 0.3121, 0.3542



51.0244, 0.2959, 0.3422



51.0244, 0.2844, 0.3266

Triad

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



51.0244, 0.2959, 0.3422



51.0244, 0.2962, 0.3006



51.0244, 0.3463, 0.3445

Complementary

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



51.0244, 0.2959, 0.3422



41.7516, 0.3330, 0.3162

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.



51.0244, 0.3419, 0.3303



51.0244, 0.2959, 0.3422



51.0244, 0.3126, 0.3055

Square

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



51.0244, 0.2959, 0.3422



51.0244, 0.2845, 0.3029



51.0244, 0.3294, 0.3162



51.0244, 0.3414, 0.3551

Rectangle

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



51.0244, 0.2959, 0.3422



51.0244, 0.2807, 0.3166



51.0244, 0.3294, 0.3162



51.0244, 0.3459, 0.3400

Sweetspot

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



51.0265, 0.2959, 0.3422



97.3985, 0.3072, 0.3330



51.3526, 0.3190, 0.3699



20.7718, 0.3065, 0.3336



0.0000, 0.0000, 0.0000



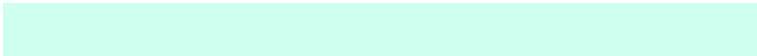
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0265, 0.2959, 0.3422



90.9713, 0.2923, 0.3454



49.1787, 0.2888, 0.3222



11.3712, 0.3026, 0.3366



26.4640, 0.2547, 0.4371



1.1556, 0.2472, 0.4099

Inverse Universe

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



41.7516, 0.3330, 0.3162



70.9544, 0.3384, 0.3132



43.2727, 0.3411, 0.3357



10.1305, 0.3239, 0.3216



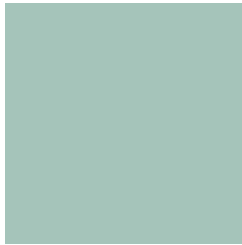
7.7888, 0.5650, 0.2886



0.3494, 0.5007, 0.2532

Previews

White Background



This preview shows how the Yxy color 51.0244, 0.2959, 0.3422 looks on a white background.

Color Contrast Check

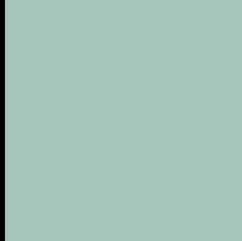
Large Text (above 18pt) WCAG AA × Fail

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 51.0244, 0.2959, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

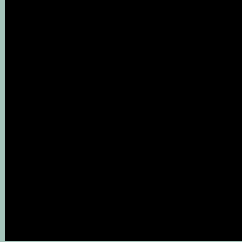
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

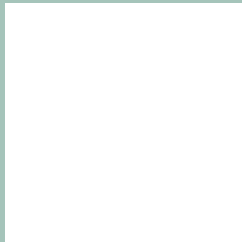
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0244, 0.2959, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 51.0244, 0.2959, 0.3422.



This preview shows how white text looks on a background with the Yxy color 51.0244, 0.2959, 0.3422.

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

51.0244, 0.2959, 0.3422

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

50.8065, 0.3284, 0.3218



Tritanopia

51.1290, 0.2837, 0.3098

Trichromacy



Original Color

51.0244, 0.2959, 0.3422

Protanomaly

50.7478, 0.3122, 0.3393

Deuteranomaly

50.8037, 0.3160, 0.3290

Tritanomaly

51.0785, 0.2884, 0.3212

Monochromacy



Original Color

51.0244, 0.2959, 0.3422

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8371, 0.3060, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0244, 0.2959, 0.3422 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(165, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 196, 186)  
}
```

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(165, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 196, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.0244, 0.2959, 0.3422 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(165, 196, 186) }
```

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

```
.border{ border-color:rgb(165, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 196,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0244, 0.2959, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 196, 186) }
```

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

```
.background{ background-color: rgb(165,  
196, 186) }
```

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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