

Converting Colors

$Yxy(51.6056, 0.2833, 0.3423)$

Have a look what the booklet for
Yxy(51.6056, 0.2833, 0.3423)
contains.

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Color

Yxy(51.6056, 0.2833, 0.3423)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97C8BE |
| RGB | 151, 200, 190 |
| RGB Percent | 59%, 78%, 75% |
| CMY | 0.4079, 0.2157, 0.2548 |
| CMYK | 0.25, 0.00, 0.05, 0.22 |
| HSL | 168°, 31%, 69% |
| HSV | 168°, 25%, 78% |
| XYZ | 42.7107, 51.6056, 56.4450 |
| YIQ | 184.2090, -25.9940, -13.4980 |

Conversions

Conversions Part 2

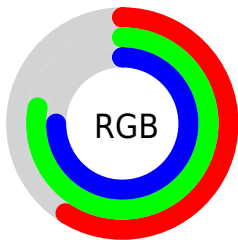
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 151, 178, 200 |
| Decimal | 9947326 |
| CIELab | 77.04, -18.08, -0.24 |
| CIELCh | 77, 18.081, 180.769 |
| Yxy | 51.6056, 0.2833, 0.3423 |
| Android (android.graphics.Color) | 4288137406 (0xFF97C8BE) |
| YUV | 184.2090, 2.8550, -29.1243 |
| Hunter-Lab | 71.8370, -19.5877, 3.6996 |

Details

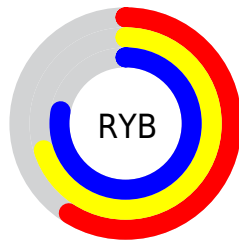
The Yxy color **51.6056, 0.2833, 0.3423** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.9774, 0.3533, 0.3162**, and the grayscale version is **48.0487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2956, 0.2885, 0.3383**, and **25.0166, 0.2754, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **49.6786, 0.2727, 0.3486**, and if you desaturate by 10%, it is **53.8664, 0.2948, 0.3365**.

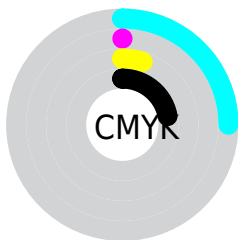
Distribution



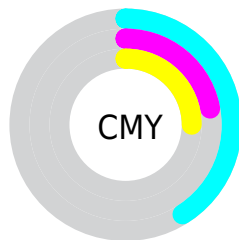
- Red (59%)
- Green (78%)
- Blue (75%)



- Red (59%)
- Yellow (70%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)




- Cyan (41%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6056, 0.2833, 0.3423 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 51.6056, 0.2833, 0.3423 by changing the saturation by 10% instead.


 51.6056, 0.2833,
0.3423


 51.6056, 0.2833,
0.3423


392.9121, 0.2977,
0.3358

 36.6908, 0.2798,
0.3439


 92.5493, 0.2885,
0.3400

 24.9682, 0.2753,
0.3459


 119.3470, 0.2904,
0.3391

 16.0534, 0.2694,
0.3485


150.8745, 0.2921,
0.3383

 9.5619, 0.2614,
0.3521

187.5161, 0.2935,
0.3377

 5.1095, 0.2497,
0.3574

229.6563, 0.2948,
0.3371

 2.3116, 0.2312,
0.3656

277.6794, 0.2959,

 0.7799, 0.1541,

0.3366

0.4008

331.9699, 0.2969,
0.3362

0.0000, 0.0000,
0.0000

51.6056, 0.2833,
0.3423

51.6056, 0.2833,
0.3423

49.6786, 0.2727,
0.3486

53.8664, 0.2948,
0.3365

48.0626, 0.2634,
0.3552

56.4699, 0.3071,
0.3312

46.7419, 0.2556,
0.3622

59.4326, 0.3197,
0.3264

45.6969, 0.2496,
0.3695

62.7678, 0.3325,
0.3222

44.9054, 0.2454,
0.3768

66.4885, 0.3453,
0.3184

■ 44.3420, 0.2433,
0.3843

■ 67.4487, 0.3453,
0.3144

■ 43.9756, 0.2429,
0.3916

■ 67.6597, 0.3422,
0.3103

■ 43.8262, 0.2432,
0.3957

■ 67.8759, 0.3390,
0.3062

■ 68.0974, 0.3359,
0.3022

Harmonies

Analogous

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



51.6056, 0.3052, 0.3621



51.6056, 0.2833, 0.3423



51.6056, 0.2695, 0.3192

Triad

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



51.6056, 0.2833, 0.3423



51.6056, 0.2946, 0.2895



51.6056, 0.3607, 0.3555

Complementary

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



51.6056, 0.2833, 0.3423



36.9774, 0.3533, 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.



51.6056, 0.3579, 0.3360



51.6056, 0.2833, 0.3423



51.6056, 0.3189, 0.2989

Square

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



51.6056, 0.2833, 0.3423



51.6056, 0.2758, 0.2897



51.6056, 0.3424, 0.3156



51.6056, 0.3502, 0.3691

Rectangle

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



51.6056, 0.2833, 0.3423



51.6056, 0.2664, 0.3057



51.6056, 0.3424, 0.3156



51.6056, 0.3613, 0.3494

Sweetspot

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



51.6077, 0.2833, 0.3423



96.5388, 0.3038, 0.3325



51.1845, 0.3177, 0.3961



20.6025, 0.3031, 0.3329



0.0000, 0.0000, 0.0000



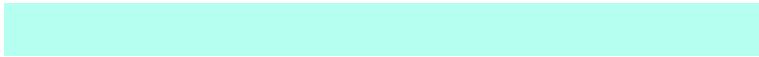
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6077, 0.2833, 0.3423



87.6389, 0.2780, 0.3453



45.9136, 0.2754, 0.3101



12.0292, 0.3010, 0.3337



27.8776, 0.2430, 0.3946



1.3296, 0.2387, 0.3793

Inverse Universe

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



36.9774, 0.3533, 0.3162



58.3176, 0.3642, 0.3135



41.3767, 0.3593, 0.3471



10.6716, 0.3258, 0.3243



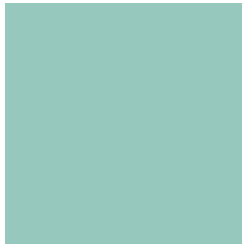
7.9185, 0.6046, 0.3104



0.3856, 0.5463, 0.2783

Previews

White Background



This preview shows how the Yxy color 51.6056, 0.2833, 0.3423 looks on a white background.

Color Contrast Check

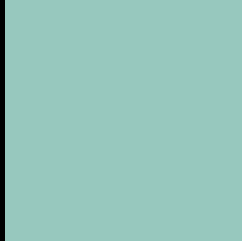
Large Text (above 18pt) WCAG AA × Fail

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 51.6056, 0.2833, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

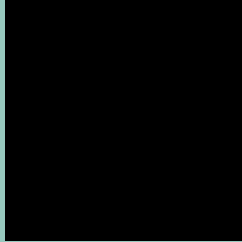
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

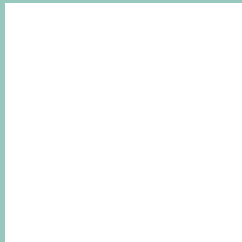
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6056, 0.2833, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 51.6056, 0.2833, 0.3423.



This preview shows how white text looks on a background with the Yxy color 51.6056, 0.2833, 0.3423.

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

51.6056, 0.2833, 0.3423

Protanopia

51.3252, 0.3207, 0.3353

Deuteranopia

51.2530, 0.3242, 0.3182



Tritanopia

51.7539, 0.2725, 0.3096

Trichromacy



Original Color

51.6056, 0.2833, 0.3423

Protanomaly

51.1501, 0.3059, 0.3380

Deuteranomaly

51.0718, 0.3080, 0.3265

Tritanomaly

51.6178, 0.2763, 0.3210

Monochromacy



Original Color

51.6056, 0.2833, 0.3423

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.1427, 0.3012, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6056, 0.2833, 0.3423 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(151, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 200, 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(151, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 200, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.6056, 0.2833, 0.3423 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(151, 200, 190) }
```

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

```
.border{ border-color:rgb(151, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 200,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6056, 0.2833, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 200, 190) }
```

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

```
.background{ background-color: rgb(151,  
200, 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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