

Converting Colors

Yxy(51.1354, 0.2872, 0.3463)

Have a look what the booklet for
Yxy(51.1354, 0.2872, 0.3463)
contains.

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Color

Yxy(51.1643, 0.2873, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	99C7BA
RGB	153, 199, 186
RGB Percent	60%, 78%, 73%
CMY	0.3999, 0.2196, 0.2707
CMYK	0.23, 0.00, 0.07, 0.22
HSL	163°, 29%, 69%
HSV	163°, 23%, 78%
XYZ	42.4228, 51.1643, 54.0732
YIQ	183.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

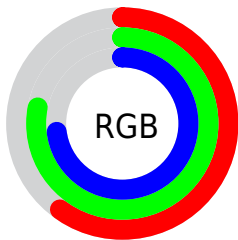
Format	Color
R_{YB}	153, 180, 199
Decimal	10078138
CIE _{Lab}	76.78, -17.80, 1.58
CIE _{LCh}	77, 17.865, 174.921
Yxy	51.1643, 0.2873, 0.3465
Android (android.graphics.Color)	4288268218 (0xFF99C7BA)
YUV	183.7640, 1.1023, -26.9800
Hunter-Lab	71.5292, -19.3107, 5.2496

Details

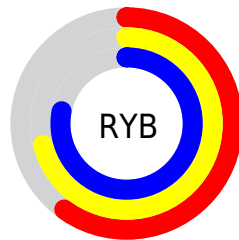
The Yxy color **51.1643, 0.2873, 0.3465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6876, 0.3466, 0.3122**, and the grayscale version is **47.8011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3407, 0.2917, 0.3425**, and **24.7110, 0.2804, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **49.1532, 0.2775, 0.3553**, and if you desaturate by 10%, it is **53.5121, 0.2980, 0.3384**.

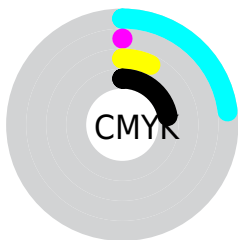
Distribution



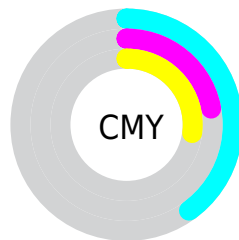
- Red (60%)
- Green (78%)
- Blue (73%)



- Red (60%)
- Yellow (71%)
- Blue (78%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)





- Cyan (40%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1643, 0.2873, 0.3465 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 51.1643, 0.2873, 0.3465 by changing the saturation by 10% instead.

 51.1643, 0.2873,
0.3465

 51.1643, 0.2873,
0.3465


391.2018, 0.2998,
0.3378

 36.3394, 0.2842,
0.3486

 91.8976, 0.2918,
0.3434

 24.6964, 0.2803,
0.3514


 118.5748, 0.2935,
0.3422

 15.8510, 0.2751,
0.3550


149.9714, 0.2950,
0.3412

 9.4188, 0.2680,
0.3600

186.4721, 0.2962,
0.3403

 5.0153, 0.2576,
0.3675

228.4610, 0.2973,
0.3396

 2.2563, 0.2409,
0.3796

276.3227, 0.2982,

 0.7504, 0.1606,

0.3389

0.4323

330.4415, 0.2991,
0.3383

0.0000, 0.0000,
0.0000

51.1643, 0.2873,
0.3465

51.1643, 0.2873,
0.3465

49.1532, 0.2775,
0.3553

53.5121, 0.2980,
0.3384

47.4562, 0.2687,
0.3647

56.2052, 0.3092,
0.3311

46.0581, 0.2614,
0.3746

59.2598, 0.3207,
0.3245

44.9397, 0.2557,
0.3850

62.6892, 0.3322,
0.3187

44.0793, 0.2519,
0.3956

66.5059, 0.3437,
0.3135

■ 43.4524, 0.2501,
0.4064

■ 67.2663, 0.3413,
0.3079

■ 43.0292, 0.2503,
0.4170

■ 67.5701, 0.3370,
0.3023

■ 42.8185, 0.2512,
0.4243

■ 67.8841, 0.3327,
0.2967

■ 68.2084, 0.3285,
0.2913

Harmonies

Analogous

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



51.1643, 0.3100, 0.3647



51.1643, 0.2873, 0.3465



51.1643, 0.2718, 0.3237

Triad

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



51.1643, 0.2873, 0.3465



51.1643, 0.2906, 0.2891



51.1643, 0.3608, 0.3518

Complementary

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



51.1643, 0.2873, 0.3465



37.6876, 0.3466, 0.3122

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.



51.1643, 0.3554, 0.3319



51.1643, 0.2873, 0.3465



51.1643, 0.3140, 0.2967

Square

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



51.1643, 0.2873, 0.3465



51.1643, 0.2736, 0.2913



51.1643, 0.3380, 0.3121



51.1643, 0.3528, 0.3668

Rectangle

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



51.1643, 0.2873, 0.3465



51.1643, 0.2672, 0.3096



51.1643, 0.3380, 0.3121



51.1643, 0.3605, 0.3455

Sweetspot

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



51.1664, 0.2873, 0.3465



96.4486, 0.3046, 0.3340



51.3445, 0.3205, 0.3912



20.5816, 0.3040, 0.3344



0.0000, 0.0000, 0.0000



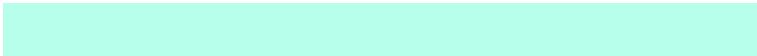
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1664, 0.2873, 0.3465



87.6449, 0.2820, 0.3511



47.6415, 0.2779, 0.3166



12.0143, 0.3021, 0.3356



27.5479, 0.2508, 0.4229



1.3164, 0.2447, 0.4008

Inverse Universe

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



37.6876, 0.3466, 0.3122



59.7273, 0.3569, 0.3082



40.3608, 0.3572, 0.3411



10.6856, 0.3246, 0.3225



8.0071, 0.5797, 0.2967



0.3919, 0.5185, 0.2630

Previews

White Background



This preview shows how the Yxy color 51.1643, 0.2873, 0.3465 looks on a white background.

Color Contrast Check

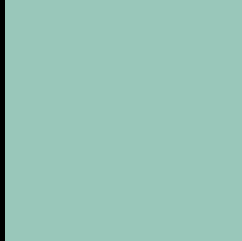
Large Text (above 18pt) WCAG AA × Fail

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 51.1643, 0.2873, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

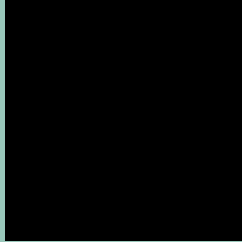
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

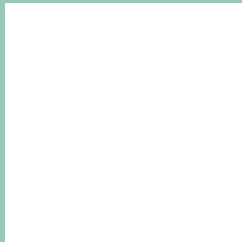
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.1643, 0.2873, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 51.1643, 0.2873, 0.3465.



This preview shows how white text looks on a background with the Yxy color 51.1643, 0.2873, 0.3465.

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

51.1643, 0.2873, 0.3465

Protanopia

50.7311, 0.3240, 0.3391

Deuteranopia

50.8065, 0.3284, 0.3218



Tritanopia

51.0025, 0.2742, 0.3083

Trichromacy



Original Color

51.1643, 0.2873, 0.3465

Protanomaly

50.6604, 0.3097, 0.3419

Deuteranomaly

50.5908, 0.3118, 0.3303

Tritanomaly

50.8120, 0.2787, 0.3210

Monochromacy



Original Color

51.1643, 0.2873, 0.3465

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7822, 0.3027, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1643, 0.2873, 0.3465 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(153, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 199, 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(153, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 199, 186) }
```

Border

The CSS property to change the border of an element to Yxy 51.1643, 0.2873, 0.3465 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(153, 199, 186) }
```

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

```
.border{ border-color:rgb(153, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 199,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1643, 0.2873, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 199, 186) }
```

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

```
.background{ background-color: rgb(153,  
199, 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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