

Converting Colors

Yxy(51.4661, 0.2880, 0.3432)

Have a look what the booklet for
Yxy(51.4661, 0.2880, 0.3432)
contains.

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Color

Yxy(51.5456, 0.2881, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	9CC7BC
RGB	156, 199, 188
RGB Percent	61%, 78%, 74%
CMY	0.3880, 0.2196, 0.2627
CMYK	0.22, 0.00, 0.06, 0.22
HSL	165°, 28%, 70%
HSV	165°, 22%, 78%
XYZ	43.2197, 51.5456, 55.2510
YIQ	184.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

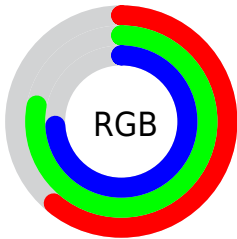
Format	Color
R_{YB}	156, 181, 199
Decimal	10274748
CIE _{Lab}	77.01, -16.41, 0.84
CIE _{LCh}	77, 16.430, 177.083
Yxy	51.5456, 0.2881, 0.3436
Android (android.graphics.Color)	4288464828 (0xFF9CC7BC)
YUV	184.8890, 1.5337, -25.3357
Hunter-Lab	71.7953, -18.1873, 4.6293

Details

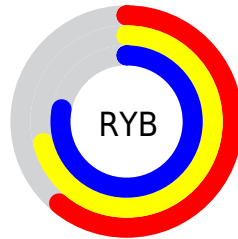
The Yxy color **51.5456, 0.2881, 0.3436** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.7299, 0.3450, 0.3149**, and the grayscale version is **48.4586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9005, 0.2924, 0.3403**, and **24.9431, 0.2814, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **49.5058, 0.2778, 0.3514**, and if you desaturate by 10%, it is **53.9227, 0.2992, 0.3365**.

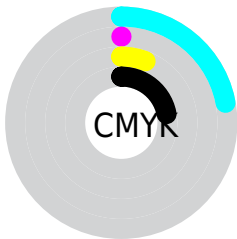
Distribution



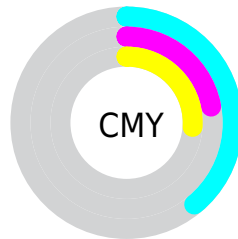
- Red (61%)
- Green (78%)
- Blue (74%)



- Red (61%)
- Yellow (71%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)




- Cyan (39%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5456, 0.2881, 0.3436 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 51.5456, 0.2881, 0.3436 by changing the saturation by 10% instead.


 51.5456, 0.2881,
0.3436


 51.5456, 0.2881,
0.3436

392.6799, 0.3002,
0.3364

 36.6430, 0.2851,
0.3454


 92.4608, 0.2925,
0.3410

 24.9312, 0.2814,
0.3476


 119.2421, 0.2941,
0.3400

 16.0258, 0.2764,
0.3506


150.7518, 0.2955,
0.3392

 9.5424, 0.2696,
0.3547

187.3743, 0.2967,
0.3385

 5.0966, 0.2596,
0.3607

229.4940, 0.2978,
0.3379

 2.3041, 0.2438,
0.3704

277.4952, 0.2987,

 0.7759, 0.1774,

0.3373

0.4086

331.7623, 0.2995,
0.3368

0.0000, 0.0000,
0.0000

51.5456, 0.2881,
0.3436

51.5456, 0.2881,
0.3436

49.5058, 0.2778,
0.3514

53.9227, 0.2992,
0.3365

47.7809, 0.2686,
0.3597

56.6455, 0.3109,
0.3300

46.3559, 0.2608,
0.3686

59.7300, 0.3228,
0.3241

45.2120, 0.2546,
0.3778

63.1893, 0.3348,
0.3189

44.3279, 0.2503,
0.3873

66.9303, 0.3462,
0.3143

■ 43.6797, 0.2480,
0.3968

■ 67.1938, 0.3423,
0.3092

■ 43.2386, 0.2476,
0.4064

■ 67.4654, 0.3383,
0.3041

■ 42.9831, 0.2484,
0.4143

■ 67.7452, 0.3345,
0.2991

■ 68.0334, 0.3306,
0.2941

Harmonies

Analogous

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



51.5456, 0.3086, 0.3607



51.5456, 0.2881, 0.3436



51.5456, 0.2744, 0.3227

Triad

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



51.5456, 0.2881, 0.3436



51.5456, 0.2938, 0.2924



51.5456, 0.3567, 0.3513

Complementary

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



51.5456, 0.2881, 0.3436



38.7299, 0.3450, 0.3149

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.



51.5456, 0.3526, 0.3331



51.5456, 0.2881, 0.3436



51.5456, 0.3156, 0.3000

Square

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



51.5456, 0.2881, 0.3436



51.5456, 0.2776, 0.2939



51.5456, 0.3373, 0.3147



51.5456, 0.3485, 0.3644

Rectangle

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



51.5456, 0.2881, 0.3436



51.5456, 0.2707, 0.3100



51.5456, 0.3373, 0.3147



51.5456, 0.3567, 0.3455

Sweetspot

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



51.5477, 0.2881, 0.3436



96.9632, 0.3055, 0.3328



51.5160, 0.3189, 0.3868



20.6864, 0.3048, 0.3332



0.0000, 0.0000, 0.0000



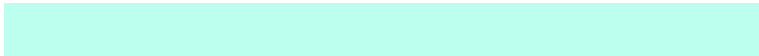
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5477, 0.2881, 0.3436



88.4756, 0.2830, 0.3473



47.5810, 0.2800, 0.3155



12.0194, 0.3017, 0.3350



27.6568, 0.2481, 0.4130



1.3208, 0.2426, 0.3933

Inverse Universe

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



38.7299, 0.3450, 0.3149



61.9662, 0.3544, 0.3116



41.8440, 0.3532, 0.3421



10.6807, 0.3250, 0.3231



7.9731, 0.5889, 0.3018



0.3897, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 51.5456, 0.2881, 0.3436 looks on a white background.

Color Contrast Check

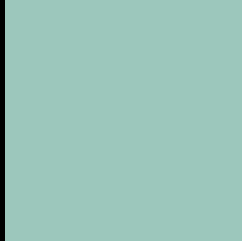
Large Text (above 18pt) WCAG AA × Fail

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 51.5456, 0.2881, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

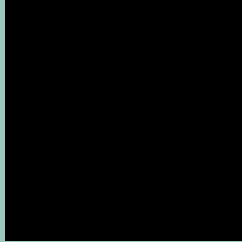
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

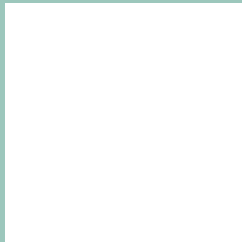
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5456, 0.2881, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 51.5456, 0.2881, 0.3436.



This preview shows how white text looks on a background with the Yxy color 51.5456, 0.2881, 0.3436.

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

51.5456, 0.2881, 0.3436

Protanopia

51.3747, 0.3231, 0.3378

Deuteranopia

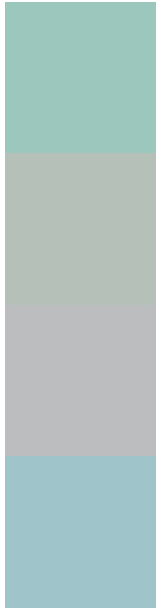
51.3080, 0.3267, 0.3206



Tritanopia

51.7601, 0.2764, 0.3097

Trichromacy



Original Color

51.5456, 0.2881, 0.3436

Protanomaly

51.4244, 0.3098, 0.3405

Deuteranomaly

50.8043, 0.3111, 0.3277

Tritanomaly

51.6152, 0.2802, 0.3211

Monochromacy



Original Color

51.5456, 0.2881, 0.3436

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3708, 0.3028, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5456, 0.2881, 0.3436 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(156, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(156, 199, 188)  
}
```

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(156, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 199, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.5456, 0.2881, 0.3436 is called "border". The border property can be set on classes, ids or directly on the HTML element.

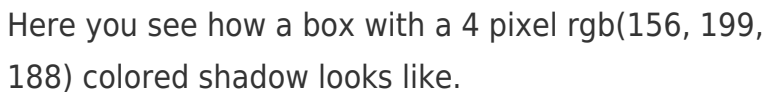
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 199, 188) }
```

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

```
.border{ border-color:rgb(156, 199, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 199, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 199, 188); box-shadow:4px 4px 4px 4px rgb(156, 199, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5456, 0.2881, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 199, 188) }
```

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

```
.background{ background-color: rgb(156,  
199, 188) }
```

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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