

Converting Colors

$Y_{xy}(50.7867, 0.2915, 0.3433)$

Have a look what the booklet for
Yxy(50.7867, 0.2915, 0.3433)
contains.

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Color

Yxy(50.8486, 0.2915, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	9FC5BA
RGB	159, 197, 186
RGB Percent	62%, 77%, 73%
CMY	0.3762, 0.2275, 0.2705
CMYK	0.19, 0.00, 0.06, 0.23
HSL	163°, 25%, 70%
HSV	163°, 19%, 77%
XYZ	43.1384, 50.8486, 54.0007
YIQ	184.3840, -19.1170, -11.4770

Conversions

Conversions Part 2

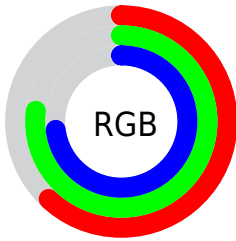
Format	Color
RYB	159, 181, 197
Decimal	10470842
CIELab	76.59, -14.83, 1.32
CIELCh	77, 14.893, 174.905
Yxy	50.8486, 0.2915, 0.3436
Android (android.graphics.Color)	4288660922 (0xFF9FC5BA)
YUV	184.3840, 0.7967, -22.2618
Hunter-Lab	71.3082, -16.8044, 5.0162

Details

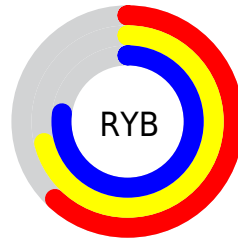
The Yxy color **50.8486, 0.2915, 0.3436** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5939, 0.3396, 0.3149**, and the grayscale version is **48.1679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5906, 0.2952, 0.3414**, and **24.4642, 0.2856, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **48.7558, 0.2814, 0.3523**, and if you desaturate by 10%, it is **53.2763, 0.3023, 0.3357**.

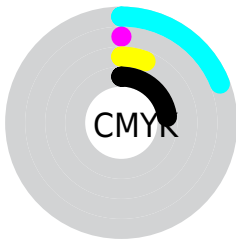
Distribution



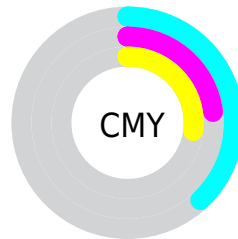
- Red (62%)
- Green (77%)
- Blue (73%)



- Red (62%)
- Yellow (71%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (38%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8486, 0.2915, 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 50.8486, 0.2915, 0.3436 by changing the saturation by 10% instead.


 50.8486, 0.2915,
0.3436


 50.8486, 0.2915,
0.3436


389.9753, 0.3020,
0.3364

 36.0881, 0.2889,
0.3454


 91.4309, 0.2953,
0.3410

 24.5023, 0.2856,
0.3477


 118.0216, 0.2967,
0.3400

 15.7066, 0.2813,
0.3507


149.3244, 0.2979,
0.3392

 9.3168, 0.2753,
0.3549

185.7239, 0.2990,
0.3385

 4.9484, 0.2666,
0.3611

227.6043, 0.2999,
0.3378

 2.2170, 0.2524,
0.3712

275.3500, 0.3006,

 0.7292, 0.1879,

0.3373

0.4139

329.3456, 0.3013,
0.3368

0.0000, 0.0000,
0.0000

50.8486, 0.2915,
0.3436

50.8486, 0.2915,
0.3436

48.7558, 0.2814,
0.3523

53.2763, 0.3023,
0.3357

46.9763, 0.2722,
0.3616

56.0468, 0.3136,
0.3285

45.4956, 0.2644,
0.3716

59.1757, 0.3250,
0.3221

44.2958, 0.2581,
0.3821

62.6756, 0.3365,
0.3163

43.3569, 0.2536,
0.3929

66.0687, 0.3457,
0.3112

■ 42.6560, 0.2511,
0.4038

■ 66.3661, 0.3413,
0.3054

■ 42.1663, 0.2505,
0.4148

■ 66.6739, 0.3369,
0.2998

■ 41.8412, 0.2517,
0.4256

■ 66.9921, 0.3325,
0.2942

■ 41.8190, 0.2518,
0.4264

■ 67.3209, 0.3282,
0.2887

Harmonies

Analogous

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



50.8486, 0.3105, 0.3586



50.8486, 0.2915, 0.3436



50.8486, 0.2784, 0.3247

Triad

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



50.8486, 0.2915, 0.3436



50.8486, 0.2942, 0.2954



50.8486, 0.3528, 0.3483

Complementary

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



50.8486, 0.2915, 0.3436



39.5939, 0.3396, 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.



50.8486, 0.3483, 0.3316



50.8486, 0.2915, 0.3436



50.8486, 0.3139, 0.3018

Square

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



50.8486, 0.2915, 0.3436



50.8486, 0.2799, 0.2974



50.8486, 0.3338, 0.3148



50.8486, 0.3462, 0.3607

Rectangle

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



50.8486, 0.2915, 0.3436



50.8486, 0.2745, 0.3129



50.8486, 0.3338, 0.3148



50.8486, 0.3526, 0.3430

Sweetspot

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



50.8507, 0.2915, 0.3436



96.9308, 0.3058, 0.3333



51.0284, 0.3193, 0.3798



20.6787, 0.3051, 0.3338



0.0000, 0.0000, 0.0000



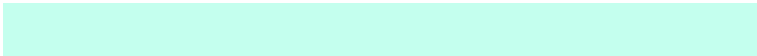
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8507, 0.2915, 0.3436



89.4770, 0.2872, 0.3471



47.9784, 0.2836, 0.3188



12.0132, 0.3022, 0.3358



27.5253, 0.2514, 0.4250



1.3154, 0.2451, 0.4024

Inverse Universe

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



39.5939, 0.3396, 0.3149



65.7188, 0.3468, 0.3117



41.8856, 0.3483, 0.3389



10.6866, 0.3245, 0.3223



8.0149, 0.5777, 0.2956



0.3923, 0.5166, 0.2619

Previews

White Background



This preview shows how the Yxy color 50.8486, 0.2915, 0.3436 looks on a white background.

Color Contrast Check

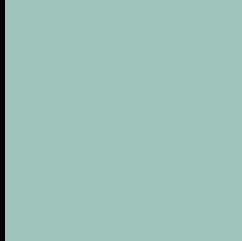
Large Text (above 18pt) WCAG AA × Fail

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 50.8486, 0.2915, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

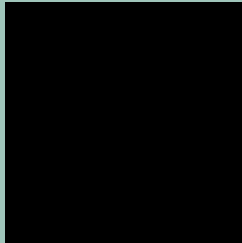
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

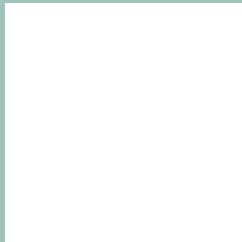
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8486, 0.2915, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 50.8486, 0.2915, 0.3436.

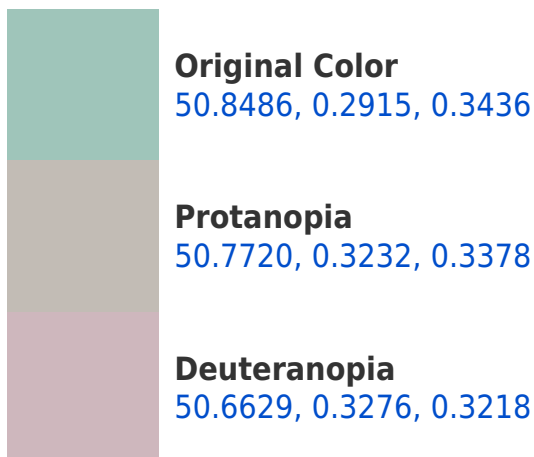


This preview shows how white text looks on a background with the Yxy color 50.8486, 0.2915, 0.3436.

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





Tritanopia

50.9736, 0.2789, 0.3096

Trichromacy



Original Color

50.8486, 0.2915, 0.3436

Protanomaly

50.5043, 0.3106, 0.3393

Deuteranomaly

50.4161, 0.3135, 0.3290

Tritanomaly

50.9286, 0.2835, 0.3211

Monochromacy



Original Color

50.8486, 0.2915, 0.3436

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.0119, 0.3044, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8486, 0.2915, 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(159, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 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(159, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.8486, 0.2915, 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(159, 197, 186) }
```

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

```
.border{ border-color:rgb(159, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(159, 197,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8486, 0.2915, 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(159, 197, 186) }
```

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

```
.background{ background-color: rgb(159,  
197, 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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