

Converting Colors

$Yxy(48.5429, 0.2861, 0.3424)$

Have a look what the booklet for
Yxy(48.5429, 0.2861, 0.3424)
contains.

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Color

Yxy(48.5283, 0.2861, 0.3426)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96C2B8 |
| RGB | 150, 194, 184 |
| RGB Percent | 59%, 76%, 72% |
| CMY | 0.4117, 0.2392, 0.2783 |
| CMYK | 0.23, 0.00, 0.05, 0.24 |
| HSL | 166°, 26%, 67% |
| HSV | 166°, 23%, 76% |
| XYZ | 40.5252, 48.5283, 52.5936 |
| YIQ | 179.7040, -23.0140, -12.4380 |

Conversions

Conversions Part 2

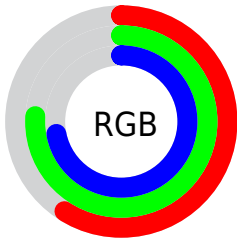
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 150, 175, 194 |
| Decimal | 9880248 |
| CIELab | 75.16, -16.59, 0.24 |
| CIELCh | 75, 16.592, 179.158 |
| Yxy | 48.5283, 0.2861, 0.3426 |
| Android (android.graphics.Color) | 4288070328 (0xFF96C2B8) |
| YUV | 179.7040, 2.1179, -26.0504 |
| Hunter-Lab | 69.6623, -18.0686, 4.0008 |

Details

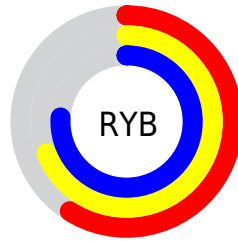
The Yxy color **48.5283, 0.2861, 0.3426** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8240, 0.3483, 0.3159**, and the grayscale version is **45.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2648, 0.2909, 0.3406**, and **22.9915, 0.2786, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **46.6579, 0.2756, 0.3495**, and if you desaturate by 10%, it is **50.7132, 0.2975, 0.3362**.

Distribution



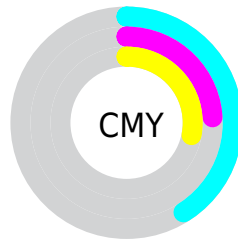
- Red (59%)
- Green (76%)
- Blue (72%)



- Red (59%)
- Yellow (69%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5283, 0.2861, 0.3426 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 48.5283, 0.2861, 0.3426 by changing the saturation by 10% instead.


 48.5283, 0.2861,
0.3426


 48.5283, 0.2861,
0.3426


380.8824, 0.2993,
0.3359

 34.2454, 0.2828,
0.3443


 87.9905, 0.2909,
0.3402

 23.0822, 0.2787,
0.3464

 113.9386, 0.2927,
0.3392

 14.6542, 0.2731,
0.3492

144.5439, 0.2942,
0.3385

 8.5771, 0.2655,
0.3532

180.1908, 0.2955,
0.3378

 4.4664, 0.2542,
0.3590

221.2637, 0.2966,
0.3372

 1.9377, 0.2358,
0.3685

268.1470, 0.2976,

 0.5709, 0.1048,

0.3367

0.4348

321.2251, 0.2985,
0.3363

0.0000, 0.0000,
0.0000

48.5283, 0.2861,
0.3426

48.5283, 0.2861,
0.3426

46.6579, 0.2756,
0.3495

50.7132, 0.2975,
0.3362

45.0808, 0.2663,
0.3569

53.2204, 0.3094,
0.3305

43.7828, 0.2584,
0.3647

56.0653, 0.3218,
0.3252

42.7461, 0.2522,
0.3727

59.2601, 0.3342,
0.3206

41.9504, 0.2478,
0.3810

62.8166, 0.3466,
0.3164

■ 41.3730, 0.2455,
0.3894

■ 64.5167, 0.3495,
0.3122

■ 40.9862, 0.2450,
0.3977

■ 64.7395, 0.3460,
0.3078

■ 40.7858, 0.2455,
0.4038

■ 64.9684, 0.3425,
0.3034

■ 65.2033, 0.3390,
0.2990

Harmonies

Analogous

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



48.5283, 0.3069, 0.3607



48.5283, 0.2861, 0.3426



48.5283, 0.2726, 0.3210

Triad

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



48.5283, 0.2861, 0.3426



48.5283, 0.2947, 0.2916



48.5283, 0.3579, 0.3531

Complementary

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



48.5283, 0.2861, 0.3426



35.8240, 0.3483, 0.3159

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.



48.5283, 0.3545, 0.3346



48.5283, 0.2861, 0.3426



48.5283, 0.3173, 0.3000

Square

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



48.5283, 0.2861, 0.3426



48.5283, 0.2774, 0.2924



48.5283, 0.3394, 0.3155



48.5283, 0.3486, 0.3661

Rectangle

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



48.5283, 0.2861, 0.3426



48.5283, 0.2693, 0.3082



48.5283, 0.3394, 0.3155



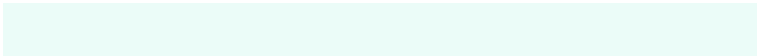
48.5283, 0.3582, 0.3473

Sweetspot

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



48.5303, 0.2861, 0.3426



94.3332, 0.3041, 0.3330



48.2877, 0.3180, 0.3902



20.5964, 0.3033, 0.3333



0.0000, 0.0000, 0.0000



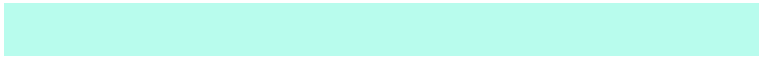
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5303, 0.2861, 0.3426



86.2442, 0.2810, 0.3458



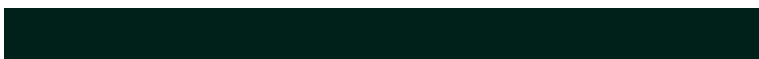
43.9468, 0.2783, 0.3128



11.3881, 0.3014, 0.3343



26.8288, 0.2452, 0.4027



1.1690, 0.2401, 0.3842

Inverse Universe

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



35.8240, 0.3483, 0.3159



59.3384, 0.3581, 0.3130



39.4221, 0.3552, 0.3447



10.1145, 0.3254, 0.3238



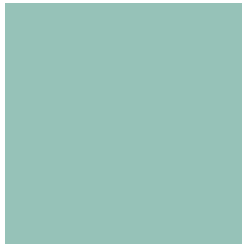
7.6707, 0.5977, 0.3066



0.3423, 0.5335, 0.2713

Previews

White Background



This preview shows how the Yxy color 48.5283, 0.2861, 0.3426 looks on a white background.

Color Contrast Check

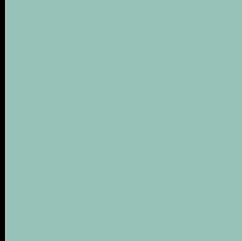
Large Text (above 18pt) WCAG AA × Fail

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 48.5283, 0.2861, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

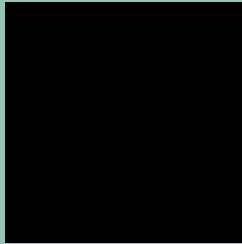
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

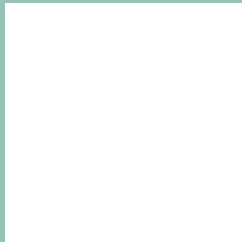
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5283, 0.2861, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 48.5283, 0.2861, 0.3426.

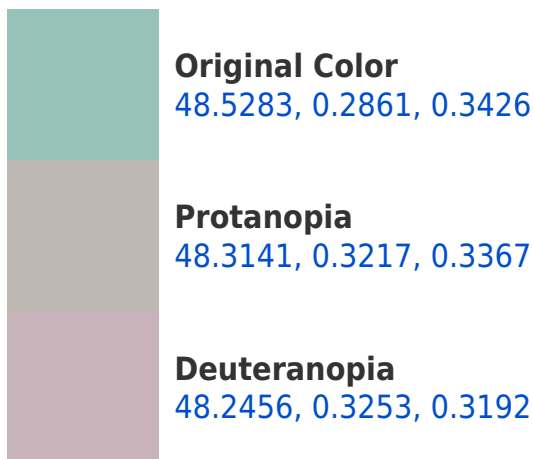


This preview shows how white text looks on a background with the Yxy color 48.5283, 0.2861, 0.3426.

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

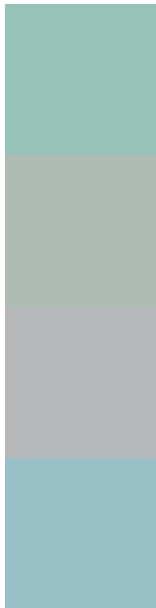




Tritanopia

48.5879, 0.2742, 0.3091

Trichromacy



Original Color

48.5283, 0.2861, 0.3426

Protanomaly

48.3757, 0.3081, 0.3395

Deuteranomaly

47.7712, 0.3095, 0.3264

Tritanomaly

48.5488, 0.2788, 0.3209

Monochromacy



Original Color

48.5283, 0.2861, 0.3426

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.4691, 0.3026, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5283, 0.2861, 0.3426 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(150, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(150, 194, 184)  
}
```

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(150, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 194, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.5283, 0.2861, 0.3426 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(150, 194, 184) }
```

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

```
.border{ border-color:rgb(150, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(150, 194,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5283, 0.2861, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 194, 184) }
```

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

```
.background{ background-color: rgb(150,  
194, 184) }
```

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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