

Converting Colors

$Yxy(48.4077, 0.2861, 0.3366)$

Have a look what the booklet for
Yxy(48.4077, 0.2861, 0.3366)
contains.

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Color

Yxy(48.5001, 0.2862, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	99C1BB
RGB	153, 193, 187
RGB Percent	60%, 76%, 73%
CMY	0.3999, 0.2431, 0.2667
CMYK	0.21, 0.00, 0.03, 0.24
HSL	171°, 24%, 68%
HSV	171°, 21%, 76%
XYZ	41.1769, 48.5001, 54.1975
YIQ	180.3560, -21.9140, -10.3460

Conversions

Conversions Part 2

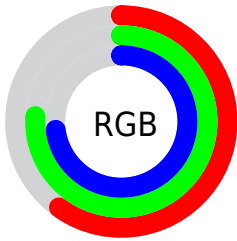
Format	Color
RYB	153, 175, 193
Decimal	10076603
CIELab	75.14, -14.51, -1.37
CIELCh	75, 14.572, 185.379
Yxy	48.5001, 0.2862, 0.3371
Android (android.graphics.Color)	4288266683 (0xFF99C1BB)
YUV	180.3560, 3.2755, -23.9912
Hunter-Lab	69.6420, -16.3327, 2.6081

Details

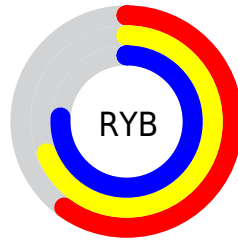
The Yxy color **48.5001, 0.2862, 0.3371** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.6287, 0.3476, 0.3211**, and the grayscale version is **45.8357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2522, 0.2910, 0.3363**, and **22.9532, 0.2786, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **46.6502, 0.2747, 0.3415**, and if you desaturate by 10%, it is **50.6603, 0.2987, 0.3330**.

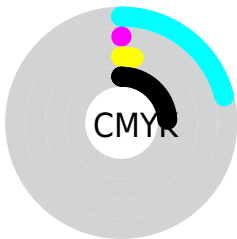
Distribution



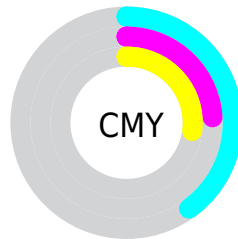
- Red (60%)
- Green (76%)
- Blue (73%)



- Red (60%)
- Yellow (69%)
- Blue (76%)



- Cyan (21%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)




- Cyan (40%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.5001, 0.2862, 0.3371 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 48.5001, 0.2862, 0.3371 by changing the saturation by 10% instead.

 48.5001, 0.2862,
0.3371


 48.5001, 0.2862,
0.3371


380.7710, 0.2993,
0.3332

 34.2231, 0.2830,
0.3381


 87.9485, 0.2909,
0.3357

 23.0650, 0.2788,
0.3393


 113.8888, 0.2927,
0.3351

 14.6415, 0.2734,
0.3409


144.4855, 0.2942,
0.3347

 8.5682, 0.2658,
0.3430

180.1232, 0.2955,
0.3343

 4.4606, 0.2547,
0.3462

221.1862, 0.2967,
0.3340

 1.9344, 0.2368,
0.3511

268.0589, 0.2977,

 0.5689, 0.1269,

0.3337

0.3869

321.1257, 0.2985,
0.3334

0.0000, 0.0000,
0.0000

48.5001, 0.2862,
0.3371

48.5001, 0.2862,
0.3371

46.6502, 0.2747,
0.3415

50.6603, 0.2987,
0.3330

45.0900, 0.2644,
0.3463

53.1383, 0.3118,
0.3293

43.8057, 0.2555,
0.3512

55.9491, 0.3252,
0.3259

42.7800, 0.2484,
0.3564

59.1046, 0.3389,
0.3229

41.9936, 0.2431,
0.3617

62.6163, 0.3524,
0.3202

■ 41.4245, 0.2397,
0.3670

■ 63.7803, 0.3546,
0.3174

■ 41.0467, 0.2382,
0.3723

■ 63.9213, 0.3522,
0.3144

■ 40.8206, 0.2381,
0.3772

■ 64.0648, 0.3498,
0.3114

■ 64.2111, 0.3475,
0.3085

Harmonies

Analogous

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



48.5001, 0.3036, 0.3540



48.5001, 0.2862, 0.3371



48.5001, 0.2760, 0.3184

Triad

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



48.5001, 0.2862, 0.3371



48.5001, 0.3008, 0.2969



48.5001, 0.3515, 0.3532

Complementary

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



48.5001, 0.2862, 0.3371



36.6287, 0.3476, 0.3211

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.



48.5001, 0.3509, 0.3376



48.5001, 0.2862, 0.3371



48.5001, 0.3211, 0.3058

Square

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



48.5001, 0.2862, 0.3371



48.5001, 0.2842, 0.2959



48.5001, 0.3396, 0.3205



48.5001, 0.3414, 0.3630

Rectangle

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



48.5001, 0.2862, 0.3371



48.5001, 0.2744, 0.3078



48.5001, 0.3396, 0.3205



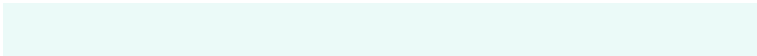
48.5001, 0.3526, 0.3484

Sweetspot

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



48.5021, 0.2862, 0.3371



92.7105, 0.3047, 0.3312



47.8819, 0.3154, 0.3847



19.8275, 0.3038, 0.3315



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.5021, 0.2862, 0.3371



85.2488, 0.2807, 0.3391



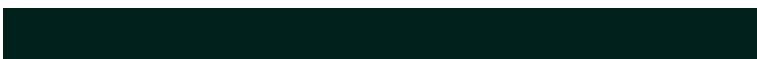
43.1345, 0.2810, 0.3106



11.4016, 0.3004, 0.3325



27.1591, 0.2379, 0.3765



1.1807, 0.2347, 0.3647

Inverse Universe

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



36.6287, 0.3476, 0.3211



60.0498, 0.3578, 0.3192



41.0354, 0.3501, 0.3467



10.1020, 0.3266, 0.3256



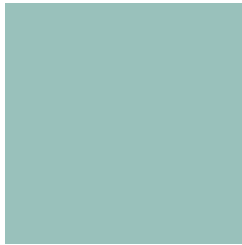
7.6074, 0.6174, 0.3175



0.3367, 0.5638, 0.2879

Previews

White Background



This preview shows how the Yxy color 48.5001, 0.2862, 0.3371 looks on a white background.

Color Contrast Check

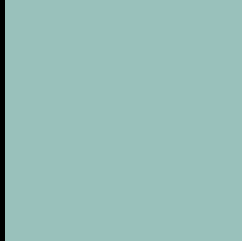
Large Text (above 18pt) WCAG AA × Fail

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 48.5001, 0.2862, 0.3371 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

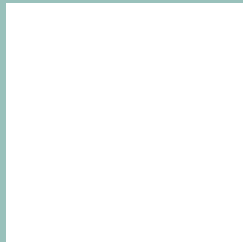
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5001, 0.2862, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 48.5001, 0.2862, 0.3371.

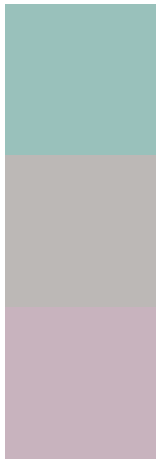


This preview shows how white text looks on a background with the Yxy color 48.5001, 0.2862, 0.3371.

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

48.5001, 0.2862, 0.3371

Protanopia

48.3497, 0.3177, 0.3316

Deuteranopia

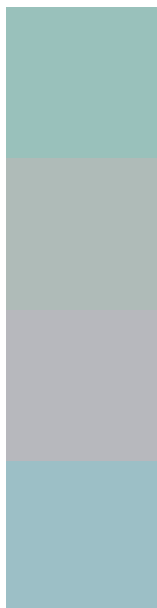
48.2373, 0.3220, 0.3155



Tritanopia

48.4028, 0.2768, 0.3092

Trichromacy



Original Color

48.5001, 0.2862, 0.3371

Protanomaly

48.1153, 0.3051, 0.3329

Deuteranomaly

48.0224, 0.3080, 0.3226

Tritanomaly

48.4067, 0.2808, 0.3196

Monochromacy



Original Color

48.5001, 0.2862, 0.3371

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.6629, 0.3019, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5001, 0.2862, 0.3371 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, 193, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 193, 187)  
}
```

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, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 193, 187) }
```

Border

The CSS property to change the border of an element to Yxy 48.5001, 0.2862, 0.3371 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, 193, 187) }
```

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

```
.border{ border-color:rgb(153, 193, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 193, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 193,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5001, 0.2862, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 193, 187) }
```

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

```
.background{ background-color: rgb(153,  
193, 187) }
```

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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