

Converting Colors

$Y_{xy}(47.9571, 0.2843, 0.3391)$

Have a look what the booklet for
Yxy(47.9571, 0.2843, 0.3391)
contains.

Yxy(48.0323, 0.2846, 0.3399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.0323, 0.2846, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	95C1B9
RGB	149, 193, 185
RGB Percent	58%, 76%, 73%
CMY	0.4158, 0.2431, 0.2744
CMYK	0.23, 0.00, 0.04, 0.24
HSL	169°, 26%, 67%
HSV	169°, 23%, 76%
XYZ	40.2177, 48.0323, 53.0630
YIQ	178.9320, -23.6560, -11.8160

Conversions

Conversions Part 2

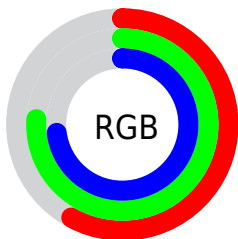
Format	Color
RYB	149, 173, 193
Decimal	9814457
CIELab	74.85, -16.20, -0.76
CIElCh	75, 16.219, 182.682
Yxy	48.0323, 0.2846, 0.3399
Android (android.graphics.Color)	4288004537 (0xFF95C1B9)
YUV	178.9320, 2.9915, -26.2504
Hunter-Lab	69.3053, -17.7013, 3.1189

Details

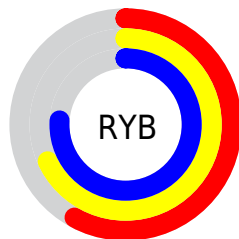
The Yxy color **48.0323, 0.2846, 0.3399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2538, 0.3506, 0.3184**, and the grayscale version is **45.0321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5595, 0.2898, 0.3385**, and **22.6726, 0.2767, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **46.2213, 0.2736, 0.3454**, and if you desaturate by 10%, it is **50.1517, 0.2965, 0.3348**.

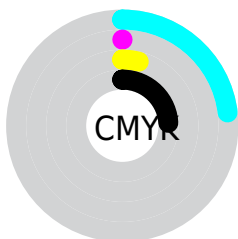
Distribution



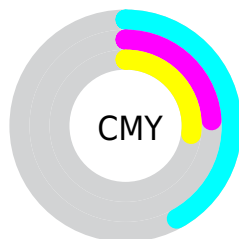
- Red (58%)
- Green (76%)
- Blue (73%)



- Red (58%)
- Yellow (68%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




- Cyan (42%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0323, 0.2846, 0.3399 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 48.0323, 0.2846, 0.3399 by changing the saturation by 10% instead.


 48.0323, 0.2846,
0.3399


 48.0323, 0.2846,
0.3399


378.9201, 0.2985,
0.3345

 33.8525, 0.2812,
0.3412


 87.2525, 0.2896,
0.3380

 22.7803, 0.2767,
0.3429

 113.0616, 0.2915,
0.3372

 14.4314, 0.2709,
0.3451


143.5160, 0.2932,
0.3366

 8.4213, 0.2628,
0.3482

179.0000, 0.2945,
0.3361

 4.3657, 0.2509,
0.3526

219.8980, 0.2957,
0.3356

 1.8802, 0.2315,
0.3597

266.5945, 0.2968,

 0.5364, 0.0888,

0.3352

0.4165

319.4737, 0.2977,
0.3349

0.0000, 0.0000,
0.0000

48.0323, 0.2846,
0.3399

48.0323, 0.2846,
0.3399

46.2213, 0.2736,
0.3454

50.1517, 0.2965,
0.3348

44.6980, 0.2639,
0.3512

52.5873, 0.3091,
0.3302

43.4482, 0.2556,
0.3573

55.3542, 0.3221,
0.3260

42.4543, 0.2491,
0.3637

58.4645, 0.3352,
0.3223

41.6964, 0.2444,
0.3702

61.9300, 0.3483,
0.3190

■ 41.1519, 0.2417,
0.3767

■ 63.8618, 0.3532,
0.3157

■ 40.7934, 0.2409,
0.3832

■ 64.0338, 0.3504,
0.3121

■ 40.6138, 0.2411,
0.3878

■ 64.2097, 0.3476,
0.3086

■ 64.3893, 0.3448,
0.3051

Harmonies

Analogous

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



48.0323, 0.3044, 0.3584



48.0323, 0.2846, 0.3399



48.0323, 0.2724, 0.3188

Triad

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



48.0323, 0.2846, 0.3399



48.0323, 0.2974, 0.2928



48.0323, 0.3565, 0.3545

Complementary

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



48.0323, 0.2846, 0.3399



35.2538, 0.3506, 0.3184

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.



48.0323, 0.3547, 0.3367



48.0323, 0.2846, 0.3399



48.0323, 0.3200, 0.3020

Square

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



48.0323, 0.2846, 0.3399



48.0323, 0.2796, 0.2925



48.0323, 0.3411, 0.3178



48.0323, 0.3462, 0.3663

Rectangle

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



48.0323, 0.2846, 0.3399



48.0323, 0.2700, 0.3066



48.0323, 0.3411, 0.3178



48.0323, 0.3573, 0.3490

Sweetspot

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



48.0343, 0.2846, 0.3399



92.2317, 0.3036, 0.3322



47.4850, 0.3162, 0.3910



19.7298, 0.3029, 0.3324



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.



48.0343, 0.2846, 0.3399



84.4597, 0.2794, 0.3424



42.5014, 0.2778, 0.3096



11.3961, 0.3008, 0.3332



27.0205, 0.2408, 0.3870



1.1758, 0.2368, 0.3725

Inverse Universe

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



35.2538, 0.3506, 0.3184



57.8614, 0.3608, 0.3162



39.6699, 0.3549, 0.3477



10.1071, 0.3261, 0.3248



7.6301, 0.6101, 0.3135



0.3390, 0.5509, 0.2809

Previews

White Background



This preview shows how the Yxy color 48.0323, 0.2846, 0.3399 looks on a white background.

Color Contrast Check

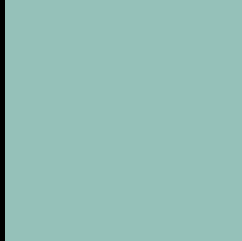
Large Text (above 18pt) WCAG AA × Fail

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 48.0323, 0.2846, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

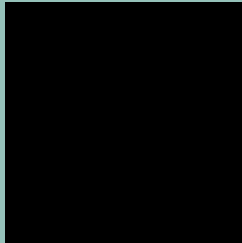
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0323, 0.2846, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 48.0323, 0.2846, 0.3399.

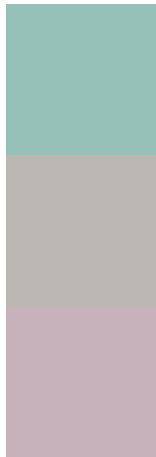


This preview shows how white text looks on a background with the Yxy color 48.0323, 0.2846, 0.3399.

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

48.0323, 0.2846, 0.3399

Protanopia

47.8130, 0.3202, 0.3342

Deuteranopia

47.6137, 0.3229, 0.3166



Tritanopia

48.0070, 0.2740, 0.3090

Trichromacy



Original Color

48.0323, 0.2846, 0.3399

Protanomaly

47.8755, 0.3066, 0.3369

Deuteranomaly

47.2786, 0.3079, 0.3238

Tritanomaly

48.0142, 0.2780, 0.3195

Monochromacy



Original Color

48.0323, 0.2846, 0.3399

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9420, 0.3017, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0323, 0.2846, 0.3399 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(149, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 193, 185)  
}
```

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(149, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 193, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.0323, 0.2846, 0.3399 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(149, 193, 185) }
```

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

```
.border{ border-color:rgb(149, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 193,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0323, 0.2846, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 193, 185) }
```

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

```
.background{ background-color: rgb(149,  
193, 185) }
```

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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