

Converting Colors

$Yxy(50.4331, 0.2845, 0.3453)$

Have a look what the booklet for
Yxy(50.4331, 0.2845, 0.3453)
contains.

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Color

Yxy(50.3229, 0.2844, 0.3453)

Conversions

Conversions Part 1

Format	Color
Hex	95C6BA
RGB	149, 198, 186
RGB Percent	58%, 78%, 73%
CMY	0.4157, 0.2235, 0.2707
CMYK	0.25, 0.00, 0.06, 0.22
HSL	165°, 30%, 68%
HSV	165°, 25%, 78%
XYZ	41.4475, 50.3229, 53.9663
YIQ	181.9810, -25.3520, -14.1200

Conversions

Conversions Part 2

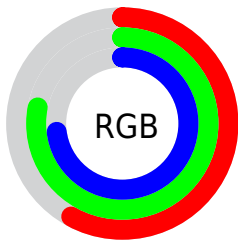
Format	Color
RYB	149, 177, 198
Decimal	9815738
CIELab	76.27, -18.54, 0.80
CIElCh	76, 18.559, 177.517
Yxy	50.3229, 0.2844, 0.3453
Android (android.graphics.Color)	4288005818 (0xFF95C6BA)
YUV	181.9810, 1.9814, -28.9243
Hunter-Lab	70.9386, -19.8499, 4.5524

Details

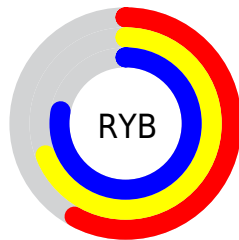
The Yxy color **50.3229, 0.2844, 0.3453** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.0736, 0.3516, 0.3134**, and the grayscale version is **46.7667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7682, 0.2895, 0.3426**, and **24.1814, 0.2767, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **48.4150, 0.2743, 0.3529**, and if you desaturate by 10%, it is **52.5586, 0.2954, 0.3383**.

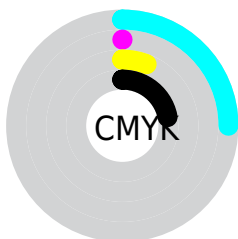
Distribution



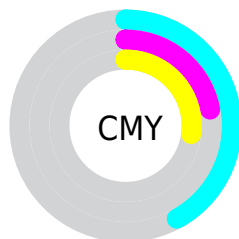
- Red (58%)
- Green (78%)
- Blue (73%)



- Red (58%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3229, 0.2844, 0.3453 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 50.3229, 0.2844, 0.3453 by changing the saturation by 10% instead.


 50.3229, 0.2844,
0.3453


 50.3229, 0.2844,
0.3453


387.9273, 0.2984,
0.3372

 35.6700, 0.2810,
0.3473


 90.6531, 0.2894,
0.3424

 24.1795, 0.2766,
0.3498


 117.0993, 0.2913,
0.3413

 15.4668, 0.2708,
0.3532


148.2453, 0.2930,
0.3404

 9.1476, 0.2629,
0.3578

184.4756, 0.2943,
0.3396

 4.8376, 0.2512,
0.3647

226.1745, 0.2955,
0.3389

 2.1523, 0.2325,
0.3758

273.7265, 0.2966,

 0.6938, 0.1293,

0.3383

0.4337

327.5160, 0.2975,
0.3377

0.0000, 0.0000,
0.0000

50.3229, 0.2844,
0.3453

50.3229, 0.2844,
0.3453

48.4150, 0.2743,
0.3529

52.5586, 0.2954,
0.3383

46.8126, 0.2654,
0.3611

55.1309, 0.3070,
0.3318

45.5002, 0.2580,
0.3697

58.0557, 0.3190,
0.3260

44.4588, 0.2524,
0.3786

61.3464, 0.3312,
0.3209

43.6665, 0.2486,
0.3876

65.0154, 0.3433,
0.3163

■ 43.0984, 0.2468,
0.3968

■ 66.5661, 0.3451,
0.3116

■ 42.7240, 0.2469,
0.4059

■ 66.8200, 0.3413,
0.3067

■ 42.5743, 0.2474,
0.4106

■ 67.0815, 0.3375,
0.3019

■ 67.3505, 0.3338,
0.2971

Harmonies

Analogous

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



50.3229, 0.3076, 0.3651



50.3229, 0.2844, 0.3453



50.3229, 0.2691, 0.3214

Triad

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



50.3229, 0.2844, 0.3453



50.3229, 0.2915, 0.2877



50.3229, 0.3628, 0.3544

Complementary

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



50.3229, 0.2844, 0.3453



36.0736, 0.3516, 0.3134

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.



50.3229, 0.3583, 0.3338



50.3229, 0.2844, 0.3453



50.3229, 0.3163, 0.2964

Square

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



50.3229, 0.2844, 0.3453



50.3229, 0.2730, 0.2890



50.3229, 0.3411, 0.3130



50.3229, 0.3532, 0.3694

Rectangle

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



50.3229, 0.2844, 0.3453



50.3229, 0.2650, 0.3069



50.3229, 0.3411, 0.3130



50.3229, 0.3629, 0.3479

Sweetspot

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



50.3250, 0.2844, 0.3453



96.4912, 0.3043, 0.3333



50.1646, 0.3191, 0.3965



20.5915, 0.3035, 0.3337



0.0000, 0.0000, 0.0000



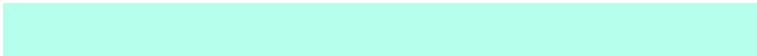
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3250, 0.2844, 0.3453



87.1128, 0.2785, 0.3496



45.4810, 0.2752, 0.3122



12.0213, 0.3016, 0.3347



27.6986, 0.2471, 0.4094



1.3225, 0.2418, 0.3905

Inverse Universe

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



36.0736, 0.3516, 0.3134



57.3445, 0.3637, 0.3096



39.7526, 0.3604, 0.3452



10.6789, 0.3252, 0.3233



7.9614, 0.5922, 0.3036



0.3889, 0.5312, 0.2700

Previews

White Background



This preview shows how the Yxy color 50.3229, 0.2844, 0.3453 looks on a white background.

Color Contrast Check

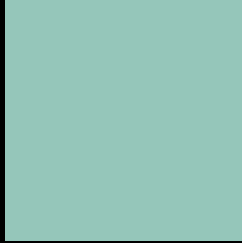
Large Text (above 18pt) WCAG AA × Fail

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 50.3229, 0.2844, 0.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

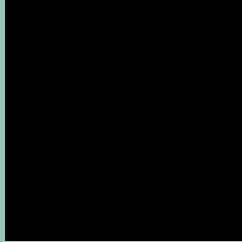
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

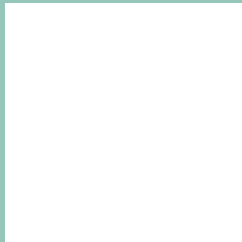
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3229, 0.2844, 0.3453

Background



This preview shows how black text looks on a background with the Yxy color 50.3229, 0.2844, 0.3453.

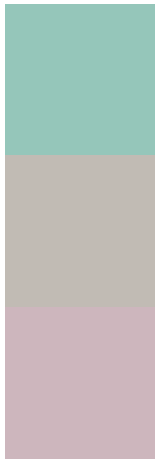


This preview shows how white text looks on a background with the Yxy color 50.3229, 0.2844, 0.3453.

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

50.3229, 0.2844, 0.3453

Protanopia

50.1734, 0.3232, 0.3378

Deuteranopia

50.1092, 0.3268, 0.3205



Tritanopia

50.1067, 0.2720, 0.3080

Trichromacy



Original Color

50.3229, 0.2844, 0.3453

Protanomaly

49.9861, 0.3081, 0.3407

Deuteranomaly

49.9116, 0.3103, 0.3290

Tritanomaly

49.9227, 0.2765, 0.3209

Monochromacy



Original Color

50.3229, 0.2844, 0.3453

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.9314, 0.3018, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3229, 0.2844, 0.3453 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, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 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(149, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.3229, 0.2844, 0.3453 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, 198, 186) }
```

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

```
.border{ border-color:rgb(149, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3229, 0.2844, 0.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 186) }
```

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

```
.background{ background-color: rgb(149,  
198, 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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