

Converting Colors

$Yxy(50.8034, 0.2879, 0.3451)$

Have a look what the booklet for
Yxy(50.8034, 0.2879, 0.3451)
contains.

Yxy(50.8034, 0.2879, 0.3451)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.8034, 0.2879, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	9AC6BA
RGB	154, 198, 186
RGB Percent	60%, 78%, 73%
CMY	0.3961, 0.2235, 0.2706
CMYK	0.22, 0.00, 0.06, 0.22
HSL	164°, 28%, 69%
HSV	164°, 22%, 78%
XYZ	42.3828, 50.8034, 54.0274
YIQ	183.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

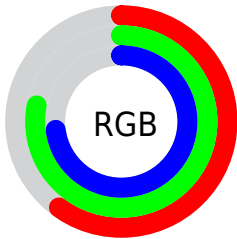
Format	Color
RYB	154, 179, 198
Decimal	10143418
CIELab	76.56, -16.97, 1.25
CIElCh	77, 17.019, 175.791
Yxy	50.8034, 0.2879, 0.3451
Android (android.graphics.Color)	4288333498 (0xFF9AC6BA)
YUV	183.4760, 1.2443, -25.8505
Hunter-Lab	71.2765, -18.5933, 4.9519

Details

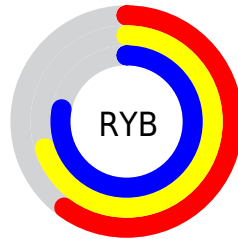
The Yxy color **50.8034, 0.2879, 0.3451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8696, 0.3455, 0.3135**, and the grayscale version is **47.6318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4861, 0.2923, 0.3425**, and **24.4648, 0.2811, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **48.7949, 0.2779, 0.3535**, and if you desaturate by 10%, it is **53.1453, 0.2988, 0.3374**.

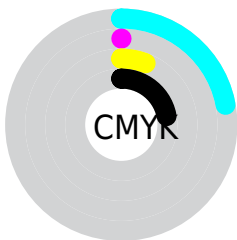
Distribution



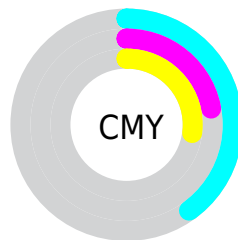
- Red (60%)
- Green (78%)
- Blue (73%)



- Red (60%)
- Yellow (70%)
- Blue (78%)



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





- Cyan (40%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8034, 0.2879, 0.3451 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 50.8034, 0.2879, 0.3451 by changing the saturation by 10% instead.


 50.8034, 0.2879,
0.3451

 50.8034, 0.2879,
0.3451

389.7995, 0.3001,
0.3371

 36.0522, 0.2849,
0.3471


 91.3641, 0.2923,
0.3422

 24.4745, 0.2811,
0.3496


 117.9424, 0.2940,
0.3411

 15.6860, 0.2760,
0.3529


149.2317, 0.2954,
0.3402

 9.3022, 0.2690,
0.3575

185.6167, 0.2966,
0.3394

 4.9388, 0.2588,
0.3644

227.4815, 0.2977,
0.3387

 2.2114, 0.2424,
0.3755

275.2106, 0.2986,

 0.7262, 0.1618,

0.3381

0.4258

329.1885, 0.2994,
0.3376

0.0000, 0.0000,
0.0000

50.8034, 0.2879,
0.3451

50.8034, 0.2879,
0.3451

48.7949, 0.2779,
0.3535

53.1453, 0.2988,
0.3374

47.0976, 0.2689,
0.3624

55.8289, 0.3101,
0.3305

45.6966, 0.2613,
0.3719


58.8701, 0.3218,
0.3242

44.5730, 0.2554,
0.3818

62.2822, 0.3335,
0.3186


43.7059, 0.2514,
0.3920


66.0773, 0.3452,
0.3137


 43.0711, 0.2493,
0.4023


 66.7337, 0.3425,
0.3083

 42.6400, 0.2492,
0.4125

 67.0217, 0.3384,
0.3029

 42.4043, 0.2501,
0.4204

 67.3191, 0.3342,
0.2976

 67.6258, 0.3302,
0.2923

Harmonies

Analogous

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



50.8034, 0.3094, 0.3626



50.8034, 0.2879, 0.3451



50.8034, 0.2733, 0.3233

Triad

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



50.8034, 0.2879, 0.3451



50.8034, 0.2921, 0.2909



50.8034, 0.3586, 0.3514

Complementary

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



50.8034, 0.2879, 0.3451



37.8696, 0.3455, 0.3135

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.



50.8034, 0.3538, 0.3324



50.8034, 0.2879, 0.3451



50.8034, 0.3147, 0.2984

Square

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



50.8034, 0.2879, 0.3451



50.8034, 0.2756, 0.2927



50.8034, 0.3375, 0.3133



50.8034, 0.3506, 0.3654

Rectangle

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



50.8034, 0.2879, 0.3451



50.8034, 0.2691, 0.3100



50.8034, 0.3375, 0.3133



50.8034, 0.3584, 0.3454

Sweetspot

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



50.8055, 0.2879, 0.3451



96.4608, 0.3045, 0.3338



50.8809, 0.3197, 0.3886



20.5844, 0.3038, 0.3342



0.0000, 0.0000, 0.0000



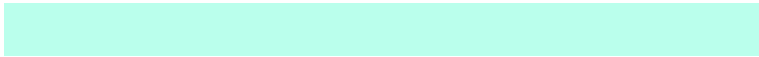
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8055, 0.2879, 0.3451



88.0470, 0.2826, 0.3493



47.1147, 0.2791, 0.3161



12.0163, 0.3019, 0.3354



27.5900, 0.2497, 0.4190



1.3181, 0.2439, 0.3979

Inverse Universe

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



37.8696, 0.3455, 0.3135



60.8453, 0.3555, 0.3097



40.7230, 0.3549, 0.3415



10.6837, 0.3247, 0.3227



7.9934, 0.5834, 0.2987



0.3910, 0.5220, 0.2649

Previews

White Background



This preview shows how the Yxy color 50.8034, 0.2879, 0.3451 looks on a white background.

Color Contrast Check

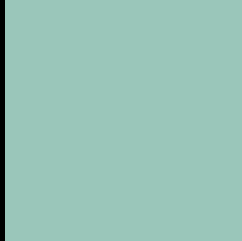
Large Text (above 18pt) WCAG AA × Fail

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 50.8034, 0.2879, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

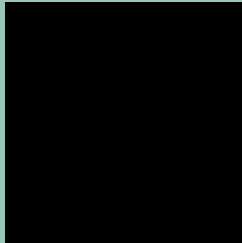
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

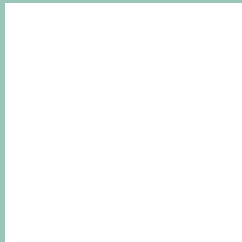
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8034, 0.2879, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 50.8034, 0.2879, 0.3451.

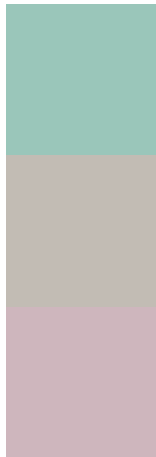


This preview shows how white text looks on a background with the Yxy color 50.8034, 0.2879, 0.3451.

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

50.8034, 0.2879, 0.3451

Protanopia

50.7311, 0.3240, 0.3391

Deuteranopia

50.2518, 0.3277, 0.3206



Tritanopia

50.6076, 0.2754, 0.3082

Trichromacy



Original Color

50.8034, 0.2879, 0.3451

Protanomaly

50.6604, 0.3097, 0.3419

Deuteranomaly

50.1621, 0.3119, 0.3290

Tritanomaly

50.4154, 0.2799, 0.3210

Monochromacy



Original Color

50.8034, 0.2879, 0.3451

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1978, 0.3027, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8034, 0.2879, 0.3451 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(154, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 198, 186) }
```

Border

The CSS property to change the border of an element to Yxy 50.8034, 0.2879, 0.3451 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(154, 198, 186) }
```

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

```
.border{ border-color:rgb(154, 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(154, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(154, 198,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8034, 0.2879, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 198, 186) }
```

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

```
.background{ background-color: rgb(154,  
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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