

Converting Colors

$Yxy(50.5314, 0.2906, 0.3477)$

Have a look what the booklet for
Yxy(50.5314, 0.2906, 0.3477)
contains.

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Color

Yxy(50.3200, 0.2906, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	9BC5B7
RGB	155, 197, 183
RGB Percent	61%, 77%, 72%
CMY	0.3921, 0.2274, 0.2824
CMYK	0.21, 0.00, 0.07, 0.23
HSL	160°, 27%, 69%
HSV	160°, 21%, 77%
XYZ	42.0322, 50.3200, 52.2871
YIQ	182.8460, -20.5380, -13.2580

Conversions

Conversions Part 2

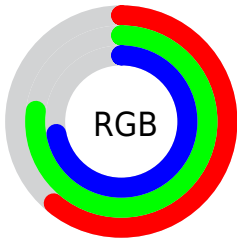
Format	Color
RYB	155, 180, 197
Decimal	10208695
CIELab	76.27, -16.76, 2.46
CIELCh	76, 16.939, 171.649
Yxy	50.3200, 0.2906, 0.3479
Android (android.graphics.Color)	4288398775 (0xFF9BC5B7)
YUV	182.8460, 0.0759, -24.4209
Hunter-Lab	70.9366, -18.3721, 5.9532

Details

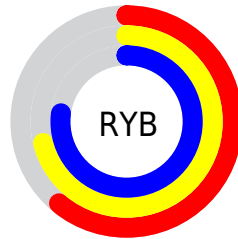
The Yxy color **50.3200, 0.2906, 0.3479** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1860, 0.3413, 0.3109**, and the grayscale version is **47.2755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8173, 0.2945, 0.3446**, and **24.1402, 0.2845, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **48.2614, 0.2812, 0.3582**, and if you desaturate by 10%, it is **52.7135, 0.3007, 0.3385**.

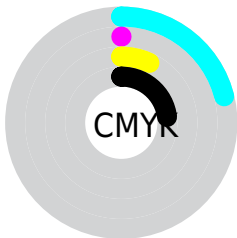
Distribution



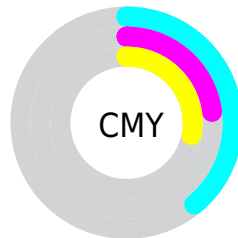
- Red (61%)
- Green (77%)
- Blue (72%)



- Red (61%)
- Yellow (71%)
- Blue (77%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)




- Cyan (39%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3200, 0.2906, 0.3479 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 50.3200, 0.2906, 0.3479 by changing the saturation by 10% instead.

 50.3200, 0.2906,
0.3479


 50.3200, 0.2906,
0.3479

387.9160, 0.3016,
0.3385

 35.6677, 0.2879,
0.3502


 90.6488, 0.2946,
0.3445

 24.1777, 0.2844,
0.3533


 117.0942, 0.2961,
0.3432

 15.4655, 0.2799,
0.3573


148.2393, 0.2973,
0.3421

 9.1467, 0.2735,
0.3629

184.4687, 0.2984,
0.3412

 4.8370, 0.2641,
0.3712

226.1666, 0.2994,
0.3404

 2.1519, 0.2490,
0.3850

273.7176, 0.3002,

 0.6936, 0.1638,

0.3397

0.4542

327.5059, 0.3009,
0.3390

0.0000, 0.0000,
0.0000

50.3200, 0.2906,
0.3479

50.3200, 0.2906,
0.3479

48.2614, 0.2812,
0.3582

52.7135, 0.3007,
0.3385

46.5160, 0.2727,
0.3692

55.4503, 0.3113,
0.3300

45.0690, 0.2656,
0.3810


58.5460, 0.3221,
0.3224

43.9019, 0.2600,
0.3933


62.0136, 0.3329,
0.3157

42.9941, 0.2563,
0.4060


65.8653, 0.3435,
0.3097

 42.3221, 0.2545,
0.4188


 66.4916, 0.3395,
0.3032

 41.8579, 0.2548,
0.4316

 66.8523, 0.3345,
0.2967

 41.5779, 0.2563,
0.4425

 67.2268, 0.3295,
0.2904

 67.6155, 0.3246,
0.2841

Harmonies

Analogous

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



50.3200, 0.3127, 0.3643



50.3200, 0.2906, 0.3479



50.3200, 0.2748, 0.3263

Triad

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



50.3200, 0.2906, 0.3479



50.3200, 0.2894, 0.2906



50.3200, 0.3586, 0.3489

Complementary

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



50.3200, 0.2906, 0.3479



38.1860, 0.3413, 0.3109

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.



50.3200, 0.3520, 0.3297



50.3200, 0.2906, 0.3479



50.3200, 0.3114, 0.2969

Square

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



50.3200, 0.2906, 0.3479



50.3200, 0.2741, 0.2938



50.3200, 0.3345, 0.3110



50.3200, 0.3523, 0.3639

Rectangle

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



50.3200, 0.2906, 0.3479



50.3200, 0.2696, 0.3126



50.3200, 0.3345, 0.3110



50.3200, 0.3579, 0.3427

Sweetspot

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



50.3221, 0.2906, 0.3479



96.8881, 0.3062, 0.3340



50.8148, 0.3217, 0.3855



20.6686, 0.3055, 0.3346



0.0000, 0.0000, 0.0000



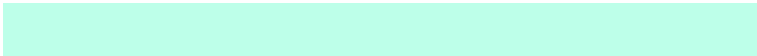
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3221, 0.2906, 0.3479



88.1757, 0.2857, 0.3530



48.1347, 0.2807, 0.3205



12.0050, 0.3027, 0.3368



27.3632, 0.2558, 0.4408



1.3087, 0.2485, 0.4146

Inverse Universe

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



38.1860, 0.3413, 0.3109



62.2213, 0.3501, 0.3063



39.8386, 0.3535, 0.3374



10.6944, 0.3238, 0.3213



8.0787, 0.5615, 0.2867



0.3960, 0.5021, 0.2540

Previews

White Background



This preview shows how the Yxy color 50.3200, 0.2906, 0.3479 looks on a white background.

Color Contrast Check

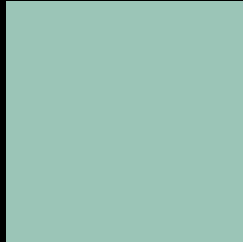
Large Text (above 18pt) WCAG AA × Fail

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 50.3200, 0.2906, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

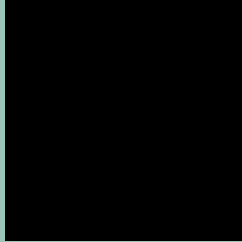
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

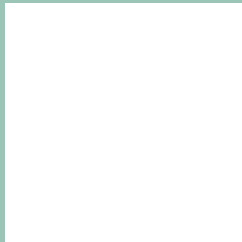
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3200, 0.2906, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 50.3200, 0.2906, 0.3479.

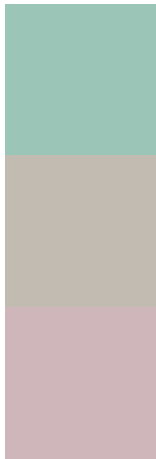


This preview shows how white text looks on a background with the Yxy color 50.3200, 0.2906, 0.3479.

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

50.3200, 0.2906, 0.3479

Protanopia

50.0524, 0.3256, 0.3417

Deuteranopia

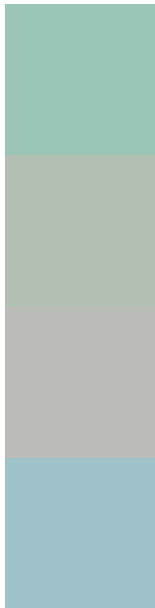
50.1229, 0.3302, 0.3242



Tritanopia

50.2170, 0.2767, 0.3082

Trichromacy



Original Color

50.3200, 0.2906, 0.3479

Protanomaly

50.1000, 0.3120, 0.3446

Deuteranomaly

49.6082, 0.3143, 0.3316

Tritanomaly

50.0228, 0.2812, 0.3210

Monochromacy



Original Color

50.3200, 0.2906, 0.3479

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.2696, 0.3042, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3200, 0.2906, 0.3479 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(155, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(155, 197, 183)  
}
```

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(155, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 197, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.3200, 0.2906, 0.3479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

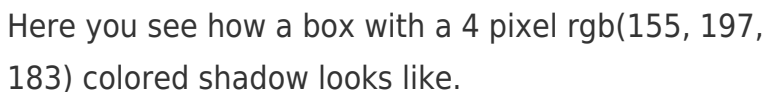
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 197, 183) }
```

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

```
.border{ border-color:rgb(155, 197, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(155, 197,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3200, 0.2906, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 197, 183) }
```

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

```
.background{ background-color: rgb(155,  
197, 183) }
```

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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