

Converting Colors

$Y_{xy}(43.5235, 0.2854, 0.3211)$

Have a look what the booklet for
Yxy(43.5235, 0.2854, 0.3211)
contains.

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Color

Yxy(43.4079, 0.2853, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	99B5BB
RGB	153, 181, 187
RGB Percent	60%, 71%, 73%
CMY	0.4001, 0.2902, 0.2666
CMYK	0.18, 0.03, 0.00, 0.27
HSL	191°, 20%, 67%
HSV	191°, 18%, 73%
XYZ	38.6284, 43.4079, 53.3595
YIQ	173.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

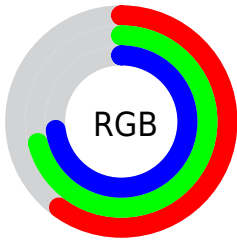
Format	Color
RYB	153, 168, 187
Decimal	10073531
CIELab	71.83, -8.22, -6.25
CIElCh	72, 10.325, 217.242
Yxy	43.4079, 0.2853, 0.3206
Android (android.graphics.Color)	4288263611 (0xFF99B5BB)
YUV	173.3120, 6.7482, -17.8136
Hunter-Lab	65.8847, -10.6430, -1.8992

Details

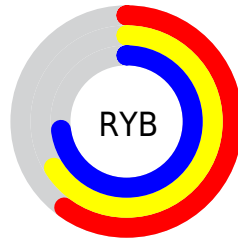
The Yxy color **43.4079, 0.2853, 0.3206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.6559, 0.3461, 0.3372**, and the grayscale version is **41.9283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4493, 0.2906, 0.3225**, and **19.9263, 0.2769, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **40.4052, 0.2710, 0.3154**, and if you desaturate by 10%, it is **46.7311, 0.3002, 0.3254**.

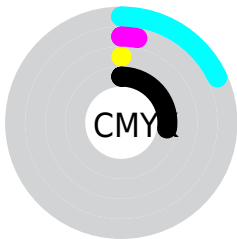
Distribution



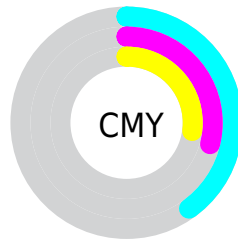
- Red (60%)
- Green (71%)
- Blue (73%)



- Red (60%)
- Yellow (66%)
- Blue (73%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





- Cyan (40%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4079, 0.2853, 0.3206 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 43.4079, 0.2853, 0.3206 by changing the saturation by 10% instead.

 43.4079, 0.2853,
0.3206


 43.4079, 0.2853,
0.3206


360.2866, 0.2991,
0.3250

 30.2053, 0.2818,
0.3194


 80.3260, 0.2903,
0.3222

 19.9945, 0.2774,
0.3179


 104.8104, 0.2922,
0.3228

 12.3910, 0.2715,
0.3158


133.8240, 0.2938,
0.3233

 7.0106, 0.2632,
0.3128

167.7515, 0.2951,
0.3238

 3.4687, 0.2507,
0.3080

206.9770, 0.2963,
0.3241

 1.3811, 0.2300,
0.2994

251.8851, 0.2973,

 0.2027, 0.0000,

0.3245

0.2356

302.8602, 0.2983,
0.3247

0.0000, 0.0000,
0.0000

43.4079, 0.2853,
0.3206

43.4079, 0.2853,
0.3206

40.4052, 0.2710,
0.3154

46.7311, 0.3002,
0.3254

37.7042, 0.2575,
0.3099

50.3820, 0.3155,
0.3298

35.2921, 0.2453,
0.3040

54.3743, 0.3308,
0.3337

33.1531, 0.2345,
0.2979

58.7192, 0.3459,
0.3372

31.2697, 0.2254,
0.2916

63.4274, 0.3607,
0.3403

■ 29.6222, 0.2183,
0.2853

■ 66.5252, 0.3668,
0.3435

■ 28.1872, 0.2130,
0.2790

■ 68.0773, 0.3659,
0.3468

■ 26.9283, 0.2094,
0.2728

■ 69.6625, 0.3651,
0.3502

■ 26.7092, 0.2088,
0.2716

■ 71.2811, 0.3642,
0.3536

Harmonies

Analogous

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



43.4079, 0.2925, 0.3342



43.4079, 0.2853, 0.3206



43.4079, 0.2852, 0.3098

Triad

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



43.4079, 0.2853, 0.3206



43.4079, 0.3199, 0.3124



43.4079, 0.3332, 0.3542

Complementary

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



43.4079, 0.2853, 0.3206



37.6559, 0.3461, 0.3372

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.



43.4079, 0.3409, 0.3476



43.4079, 0.2853, 0.3206



43.4079, 0.3332, 0.3235

Square

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



43.4079, 0.2853, 0.3206



43.4079, 0.3049, 0.3054



43.4079, 0.3410, 0.3363



43.4079, 0.3200, 0.3540

Rectangle

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



43.4079, 0.2853, 0.3206



43.4079, 0.2892, 0.3055



43.4079, 0.3410, 0.3363



43.4079, 0.3365, 0.3527

Sweetspot

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



43.4097, 0.2853, 0.3206



85.6590, 0.3050, 0.3268



44.8056, 0.3062, 0.3695



18.7640, 0.3039, 0.3265



95.5105, 0.3127, 0.3290



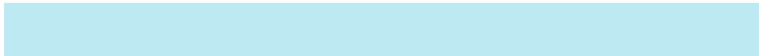
19.5994, 0.3127, 0.3290

Same Dimension

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



43.4097, 0.2853, 0.3206



75.4329, 0.2792, 0.3185



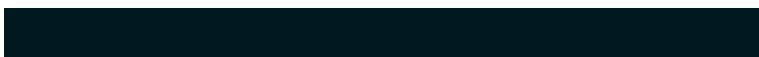
37.0265, 0.2840, 0.2968



10.5155, 0.2985, 0.3249



18.4960, 0.2090, 0.2724



0.8008, 0.2132, 0.2873

Inverse Universe

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



36.6796, 0.3203, 0.2921



61.1721, 0.3223, 0.2834



43.7849, 0.3422, 0.3593



9.6666, 0.3164, 0.3103



8.8969, 0.3706, 0.1815



0.3562, 0.3567, 0.1739

Previews

White Background



This preview shows how the Yxy color 43.4079, 0.2853, 0.3206 looks on a white background.

Color Contrast Check

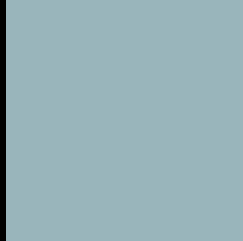
Large Text (above 18pt) WCAG AA × Fail

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 43.4079, 0.2853, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

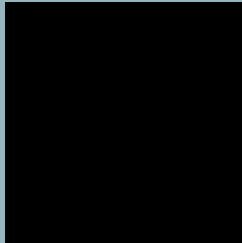
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

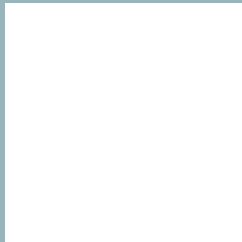
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4079, 0.2853, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 43.4079, 0.2853, 0.3206.



This preview shows how white text looks on a background with the Yxy color 43.4079, 0.2853, 0.3206.

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

43.4079, 0.2853, 0.3206

Protanopia

43.4260, 0.3080, 0.3184

Deuteranopia

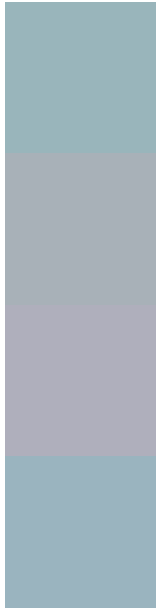
43.3647, 0.3120, 0.3058



Tritanopia

43.4076, 0.2811, 0.3098

Trichromacy



Original Color

43.4079, 0.2853, 0.3206

Protanomaly

43.2298, 0.2995, 0.3195

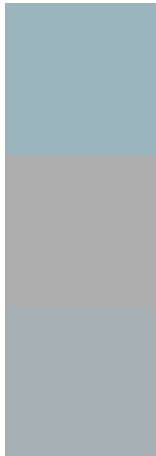
Deuteranomaly

43.4047, 0.3023, 0.3118

Tritanomaly

43.2741, 0.2832, 0.3138

Monochromacy



Original Color

43.4079, 0.2853, 0.3206

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3720, 0.3025, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4079, 0.2853, 0.3206 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, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 181, 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, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 181, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.4079, 0.2853, 0.3206 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, 181, 187) }
```

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

```
.border{ border-color:rgb(153, 181, 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, 181, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 181,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4079, 0.2853, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 181, 187) }
```

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

```
.background{ background-color: rgb(153,  
181, 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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