

Converting Colors

$Y_{xy}(43.6590, 0.2836, 0.3238)$

Have a look what the booklet for
Yxy(43.6590, 0.2836, 0.3238)
contains.

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Color

Yxy(43.4851, 0.2838, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	96B6BA
RGB	150, 182, 186
RGB Percent	59%, 71%, 73%
CMY	0.4117, 0.2863, 0.2705
CMYK	0.19, 0.02, 0.00, 0.27
HSL	187°, 21%, 66%
HSV	187°, 19%, 73%
XYZ	38.1722, 43.4851, 52.8466
YIQ	172.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

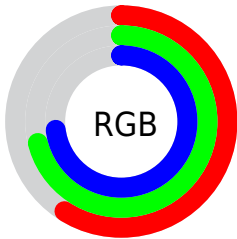
Format	Color
R_{YB}	150, 167, 186
Decimal	9877178
CIE _{Lab}	71.88, -9.91, -5.65
CIE _{LCh}	72, 11.407, 209.703
Yxy	43.4851, 0.2838, 0.3233
Android (android.graphics.Color)	4288067258 (0xFF96B6BA)
YUV	172.8880, 6.4642, -20.0728
Hunter-Lab	65.9432, -12.0733, -1.3544

Details

The Yxy color **43.4851, 0.2838, 0.3233** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7682, 0.3492, 0.3346**, and the grayscale version is **41.7061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5390, 0.2893, 0.3246**, and **19.9906, 0.2750, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **41.0149, 0.2699, 0.3200**, and if you desaturate by 10%, it is **46.2517, 0.2985, 0.3264**.

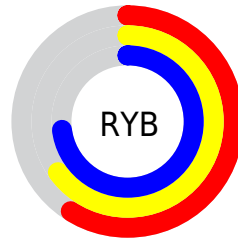
Distribution



Red (59%)

Green (71%)

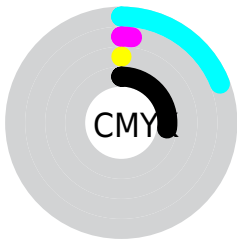
Blue (73%)



Red (59%)

Yellow (65%)

Blue (73%)

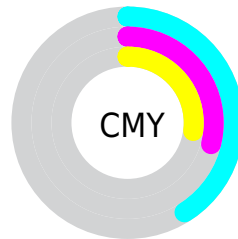


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (41%)


Magenta (29%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4851, 0.2838, 0.3233 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 43.4851, 0.2838, 0.3233 by changing the saturation by 10% instead.

 43.4851, 0.2838,
0.3233


 43.4851, 0.2838,
0.3233

360.6030, 0.2983,
0.3263

 30.2659, 0.2802,
0.3225


 80.4424, 0.2891,
0.3245

 20.0405, 0.2755,
0.3214


 104.9493, 0.2911,
0.3249

 12.4245, 0.2692,
0.3199


133.9875, 0.2927,
0.3252

 7.0335, 0.2605,
0.3176

167.9415, 0.2942,
0.3255

 3.4830, 0.2474,
0.3140

207.1957, 0.2954,
0.3258

 1.3888, 0.2256,
0.3073

252.1344, 0.2965,

 0.2085, 0.0000,

0.3260

0.2510

303.1420, 0.2975,
0.3262

0.0000, 0.0000,
0.0000

43.4851, 0.2838,
0.3233

43.4851, 0.2838,
0.3233

41.0149, 0.2699,
0.3200

46.2517, 0.2985,
0.3264

38.8224, 0.2571,
0.3165

49.3216, 0.3137,
0.3292

36.8952, 0.2457,
0.3128

52.7084, 0.3292,
0.3317

35.2176, 0.2360,
0.3091

56.4229, 0.3446,
0.3340

33.7722, 0.2280,
0.3052

60.4756, 0.3599,
0.3360

■ 32.5394, 0.2219,
0.3013

■ 63.5976, 0.3693,
0.3380

■ 31.4961, 0.2177,
0.2975

■ 64.5320, 0.3688,
0.3401

■ 30.5992, 0.2150,
0.2937

■ 65.4794, 0.3682,
0.3423

■ 30.5430, 0.2149,
0.2934

■ 66.4399, 0.3676,
0.3444

Harmonies

Analogous

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



43.4851, 0.2935, 0.3384



43.4851, 0.2838, 0.3233



43.4851, 0.2817, 0.3103

Triad

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



43.4851, 0.2838, 0.3233



43.4851, 0.3164, 0.3082



43.4851, 0.3382, 0.3556

Complementary

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



43.4851, 0.2838, 0.3233



35.7682, 0.3492, 0.3346

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.



43.4851, 0.3448, 0.3467



43.4851, 0.2838, 0.3233



43.4851, 0.3320, 0.3196

Square

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



43.4851, 0.2838, 0.3233



43.4851, 0.3002, 0.3021



43.4851, 0.3425, 0.3335



43.4851, 0.3248, 0.3575

Rectangle

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



43.4851, 0.2838, 0.3233



43.4851, 0.2847, 0.3045



43.4851, 0.3425, 0.3335



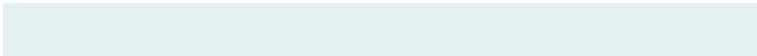
43.4851, 0.3413, 0.3533

Sweetspot

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



43.4869, 0.2838, 0.3233



85.5628, 0.3034, 0.3273



43.9324, 0.3076, 0.3759



18.7639, 0.3024, 0.3271



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.



43.4869, 0.2838, 0.3233



76.9375, 0.2781, 0.3220



36.7325, 0.2823, 0.2980



10.0346, 0.2985, 0.3264



20.6119, 0.2150, 0.2939



0.7758, 0.2177, 0.3037

Inverse Universe

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



35.6370, 0.3187, 0.2867



60.3217, 0.3201, 0.2777



42.0044, 0.3448, 0.3581



9.1450, 0.3154, 0.3089



8.8631, 0.3508, 0.1706



0.3174, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 43.4851, 0.2838, 0.3233 looks on a white background.

Color Contrast Check

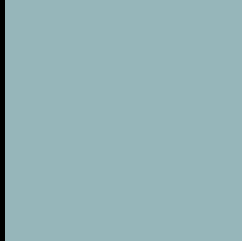
Large Text (above 18pt) WCAG AA × Fail

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 43.4851, 0.2838, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

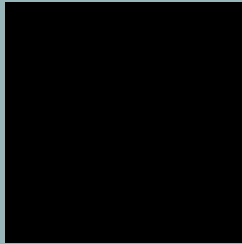
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

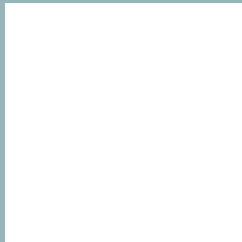
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4851, 0.2838, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 43.4851, 0.2838, 0.3233.



This preview shows how white text looks on a background with the Yxy color 43.4851, 0.2838, 0.3233.

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

43.4851, 0.2838, 0.3233

Protanopia

43.3845, 0.3088, 0.3197

Deuteranopia

43.3215, 0.3129, 0.3071



Tritanopia

43.6633, 0.2789, 0.3097

Trichromacy



Original Color

43.4851, 0.2838, 0.3233

Protanomaly

43.4752, 0.2994, 0.3222

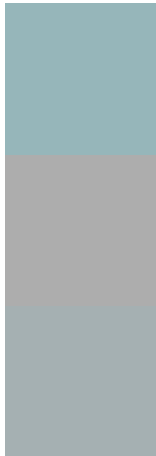
Deuteranomaly

43.2465, 0.3022, 0.3130

Tritanomaly

43.4328, 0.2803, 0.3137

Monochromacy



Original Color

43.4851, 0.2838, 0.3233

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.2644, 0.3016, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4851, 0.2838, 0.3233 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(150, 182, 186)` looks like.

```
.text, #text, p{  
    color:rgb(150, 182, 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(150, 182, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 182, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.4851, 0.2838, 0.3233 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(150, 182, 186) }
```

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

```
.border{ border-color:rgb(150, 182, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 182, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 182, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 182, 186);  
box-shadow:4px 4px 4px 4px rgb(150, 182,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4851, 0.2838, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 182, 186) }
```

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

```
.background{ background-color: rgb(150,  
182, 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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