

Converting Colors

$Y_{xy}(60.8130, 0.2857, 0.3230)$

Have a look what the booklet for
Yxy(60.8130, 0.2857, 0.3230)
contains.

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Color

Yxy(60.8935, 0.2854, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	B1D3D8
RGB	177, 211, 216
RGB Percent	69%, 83%, 85%
CMY	0.3058, 0.1725, 0.1530
CMYK	0.18, 0.02, 0.00, 0.15
HSL	188°, 33%, 77%
HSV	188°, 18%, 85%
XYZ	53.8216, 60.8935, 73.8680
YIQ	201.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

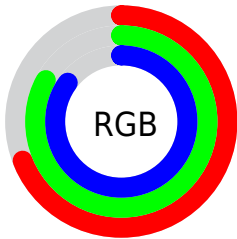
Format	Color
R _Y B	177, 195, 216
Decimal	11654104
CIE Lab	82.32, -10.14, -6.22
CIE LCh	82, 11.894, 211.512
Yxy	60.8935, 0.2854, 0.3229
Android (android.graphics.Color)	4289844184 (0xFFB1D3D8)
YUV	201.4040, 7.1958, -21.4023
Hunter-Lab	78.0343, -13.4454, -1.5005

Details

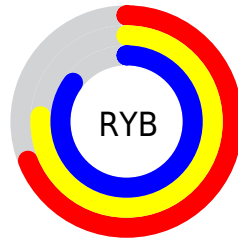
The Yxy color **60.8935, 0.2854, 0.3229** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2273, 0.3465, 0.3350**, and the grayscale version is **58.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **30.6352, 0.2789, 0.3208** is the 20% darker color. If you saturate the color by 10%, you get **57.1973, 0.2712, 0.3191**, and if you desaturate by 10%, it is **65.0197, 0.3004, 0.3264**.

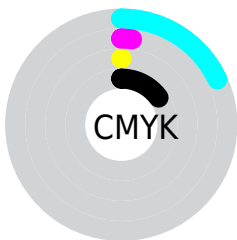
Distribution



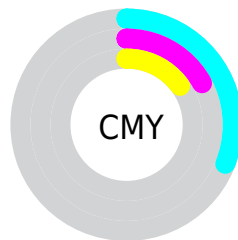
- Red (69%)
- Green (83%)
- Blue (85%)



- Red (69%)
- Yellow (76%)
- Blue (85%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (31%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8935, 0.2854, 0.3229 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 60.8935, 0.2854, 0.3229 by changing the saturation by 10% instead.

■ 60.8935, 0.2854,
0.3229

■ 60.8935, 0.2854,
0.3229

■ 427.8834, 0.2983,
0.3260

■ 44.1392, 0.2824,
0.3221

■ 106.1247, 0.2900,
0.3240

■ 30.7800, 0.2786,
0.3212

■ 135.3704, 0.2917,
0.3244

■ 20.4314, 0.2737,
0.3199

■ 169.5488, 0.2932,
0.3248

■ 12.7090, 0.2672,
0.3181

■ 209.0441, 0.2945,
0.3251

■ 7.2285, 0.2582,
0.3155

■ 254.2409, 0.2957,
0.3253

■ 3.6054, 0.2447,
0.3113

■ 305.5234, 0.2967,

■ 1.4554, 0.2225,

0.3256

363.2761, 0.2975,
0.3258

0.3037

0.2570, 0.0000,
0.2645

0.0000, 0.0000,
0.0000

60.8935, 0.2854,
0.3229

60.8935, 0.2854,
0.3229

57.1973, 0.2712,
0.3191

65.0197, 0.3004,
0.3264

53.9045, 0.2580,
0.3151

69.5860, 0.3158,
0.3296

50.9973, 0.2462,
0.3109

74.6116, 0.3313,
0.3325

48.4533, 0.2360,
0.3065

78.4813, 0.3407,
0.3352

■ 46.2477, 0.2276,
0.3020

■ 79.9598, 0.3402,
0.3379

■ 44.3524, 0.2212,
0.2975

■ 81.4624, 0.3398,
0.3407

■ 42.7343, 0.2166,
0.2930

■ 82.9892, 0.3394,
0.3434

■ 41.3461, 0.2137,
0.2885

■ 84.5404, 0.3390,
0.3461

■ 41.0863, 0.2133,
0.2877

■ 86.1160, 0.3386,
0.3488

Harmonies

Analogous

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



60.8935, 0.2941, 0.3370



60.8935, 0.2854, 0.3229



60.8935, 0.2839, 0.3110

Triad

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



60.8935, 0.2854, 0.3229



60.8935, 0.3171, 0.3101



60.8935, 0.3358, 0.3541

Complementary

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



60.8935, 0.2854, 0.3229



51.2273, 0.3465, 0.3350

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.



60.8935, 0.3424, 0.3462



60.8935, 0.2854, 0.3229



60.8935, 0.3315, 0.3210

Square

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



60.8935, 0.2854, 0.3229



60.8935, 0.3019, 0.3040



60.8935, 0.3408, 0.3340



60.8935, 0.3231, 0.3553

Rectangle

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



60.8935, 0.2854, 0.3229



60.8935, 0.2870, 0.3058



60.8935, 0.3408, 0.3340



60.8935, 0.3389, 0.3521

Sweetspot

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



60.8960, 0.2854, 0.3229



96.6264, 0.3049, 0.3274



61.8107, 0.3075, 0.3720



20.5834, 0.3038, 0.3272



0.0000, 0.0000, 0.0000



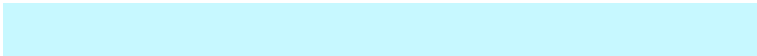
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8960, 0.2854, 0.3229



86.3796, 0.2794, 0.3214



51.9867, 0.2842, 0.2992



13.8244, 0.2983, 0.3259



24.4352, 0.2134, 0.2884



1.5511, 0.2156, 0.2960

Inverse Universe

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



50.7524, 0.3188, 0.2900



68.8277, 0.3204, 0.2807



59.5660, 0.3426, 0.3571



12.6041, 0.3157, 0.3089



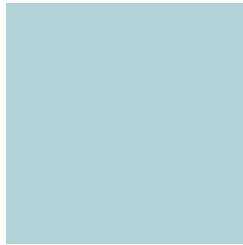
10.8116, 0.3558, 0.1734



0.6599, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 60.8935, 0.2854, 0.3229 looks on a white background.

Color Contrast Check

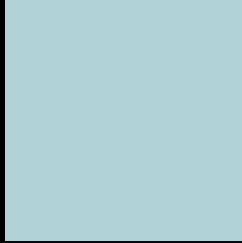
Large Text (above 18pt) WCAG AA × Fail

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 60.8935, 0.2854, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

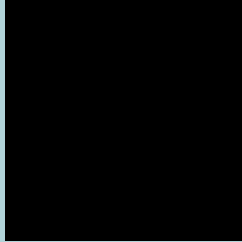
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

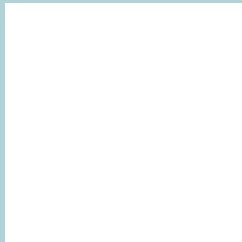
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8935, 0.2854, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 60.8935, 0.2854, 0.3229.

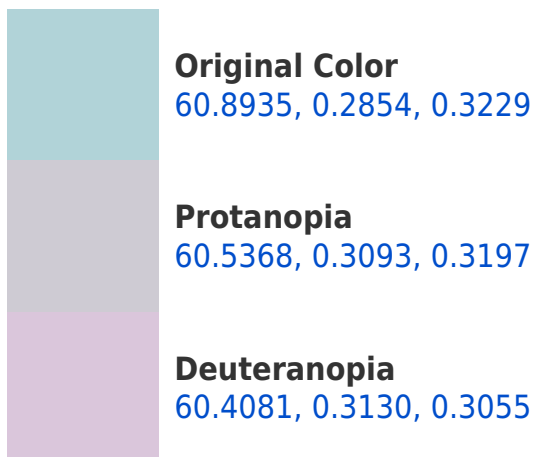


This preview shows how white text looks on a background with the Yxy color 60.8935, 0.2854, 0.3229.

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

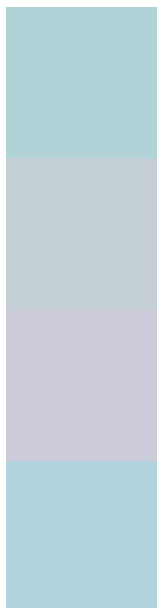




Tritanopia

60.6756, 0.2804, 0.3087

Trichromacy



Original Color

60.8935, 0.2854, 0.3229

Protanomaly

60.5488, 0.2997, 0.3207

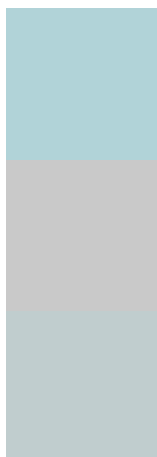
Deuteranomaly

60.4703, 0.3022, 0.3117

Tritanomaly

60.8321, 0.2823, 0.3145

Monochromacy



Original Color

60.8935, 0.2854, 0.3229

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.3253, 0.3023, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8935, 0.2854, 0.3229 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(177, 211, 216)` looks like.

```
.text, #text, p{  
    color:rgb(177, 211, 216)  
}
```

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(177, 211, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 211, 216) }
```

Border

The CSS property to change the border of an element to Yxy 60.8935, 0.2854, 0.3229 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(177, 211, 216) }
```

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

```
.border{ border-color:rgb(177, 211, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 211, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(177, 211,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8935, 0.2854, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 211, 216) }
```

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

```
.background{ background-color: rgb(177,  
211, 216) }
```

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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