

Converting Colors

Yxy(60.3602, 0.2964, 0.3304)

Have a look what the booklet for
Yxy(60.3602, 0.2964, 0.3304)
contains.

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Color

Yxy(60.4693, 0.2959, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B9D1D0
RGB	185, 209, 208
RGB Percent	73%, 82%, 82%
CMY	0.2746, 0.1803, 0.1844
CMYK	0.11, 0.00, 0.00, 0.18
HSL	177°, 21%, 77%
HSV	177°, 11%, 82%
XYZ	54.1880, 60.4693, 68.4721
YIQ	201.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

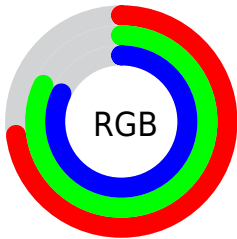
Format	Color
RYB	185, 197, 209
Decimal	12177872
CIELab	82.09, -8.22, -2.22
CIElCh	82, 8.513, 195.142
Yxy	60.4693, 0.2959, 0.3302
Android (android.graphics.Color)	4290367952 (0xFFB9D1D0)
YUV	201.7100, 3.1010, -14.6547
Hunter-Lab	77.7620, -11.6969, 2.2266

Details

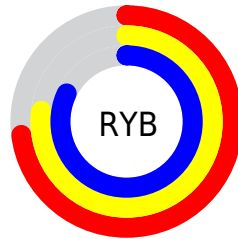
The Yxy color **60.4693, 0.2959, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7960, 0.3323, 0.3278**, and the grayscale version is **58.8586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **30.6813, 0.2916, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **58.0165, 0.2822, 0.3314**, and if you desaturate by 10%, it is **63.3095, 0.3105, 0.3292**.

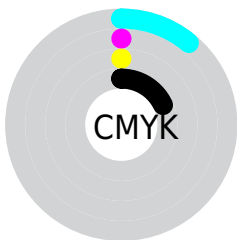
Distribution



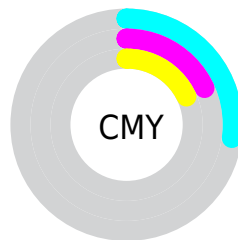
- Red (73%)
- Green (82%)
- Blue (82%)



- Red (73%)
- Yellow (77%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (27%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4693, 0.2959, 0.3302 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 60.4693, 0.2959, 0.3302 by changing the saturation by 10% instead.


 60.4693, 0.2959,
0.3302

 60.4693, 0.2959,
0.3302

426.3254, 0.3039,
0.3297

 43.7970, 0.2940,
0.3303


 105.5101, 0.2987,
0.3300

 30.5110, 0.2916,
0.3304


134.6475, 0.2998,
0.3300

 20.2267, 0.2886,
0.3306


168.7087, 0.3007,
0.3299

 12.5600, 0.2845,
0.3308

208.0780, 0.3016,
0.3298

 7.1263, 0.2787,
0.3311

253.1400, 0.3023,
0.3298

 3.5412, 0.2700,
0.3313

304.2790, 0.3029,

 1.4204, 0.2553,

0.3298

0.3316

361.8793, 0.3034,
0.3297

0.2317, 0.0297,
0.3516

0.0000, 0.0000,
0.0000

60.4693, 0.2959,
0.3302

60.4693, 0.2959,
0.3302

58.0165, 0.2822,
0.3314

63.3095, 0.3105,
0.3292

55.9269, 0.2695,
0.3326

66.5452, 0.3256,
0.3282

54.1853, 0.2583,
0.3339

70.1936, 0.3410,
0.3273

52.7722, 0.2488,
0.3353

71.5988, 0.3460,
0.3265

■ 51.6666, 0.2410,
0.3367

■ 71.6444, 0.3453,
0.3256

■ 50.8446, 0.2352,
0.3381

■ 71.6902, 0.3446,
0.3246

■ 50.2793, 0.2313,
0.3395

■ 71.7363, 0.3439,
0.3237

■ 49.9381, 0.2291,
0.3409

■ 71.7827, 0.3433,
0.3228

■ 49.7756, 0.2284,
0.3421

■ 71.8293, 0.3426,
0.3219

Harmonies

Analogous

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



60.4693, 0.3044, 0.3398



60.4693, 0.2959, 0.3302



60.4693, 0.2918, 0.3205

Triad

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



60.4693, 0.2959, 0.3302



60.4693, 0.3099, 0.3124



60.4693, 0.3325, 0.3445

Complementary

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



60.4693, 0.2959, 0.3302



51.7960, 0.3323, 0.3278

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.



60.4693, 0.3341, 0.3369



60.4693, 0.2959, 0.3302



60.4693, 0.3209, 0.3186

Square

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



60.4693, 0.2959, 0.3302



60.4693, 0.2998, 0.3105



60.4693, 0.3298, 0.3275



60.4693, 0.3256, 0.3480

Rectangle

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



60.4693, 0.2959, 0.3302



60.4693, 0.2921, 0.3153



60.4693, 0.3298, 0.3275



60.4693, 0.3337, 0.3423

Sweetspot

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



60.4718, 0.2959, 0.3302



98.5566, 0.3082, 0.3293



59.5714, 0.3122, 0.3587



21.0147, 0.3070, 0.3294



0.0000, 0.0000, 0.0000



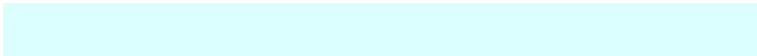
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4718, 0.2959, 0.3302



93.7477, 0.2921, 0.3305



55.3967, 0.2950, 0.3157



13.3979, 0.2989, 0.3300



30.6904, 0.2283, 0.3419



1.7188, 0.2276, 0.3393

Inverse Universe

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



51.7960, 0.3323, 0.3278



77.2918, 0.3376, 0.3275



56.4481, 0.3316, 0.3419



11.8164, 0.3284, 0.3280



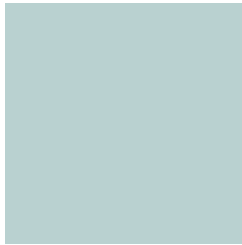
8.3737, 0.6350, 0.3272



0.4712, 0.6188, 0.3182

Previews

White Background



This preview shows how the Yxy color 60.4693, 0.2959, 0.3302 looks on a white background.

Color Contrast Check

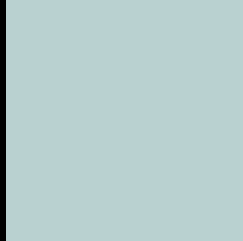
Large Text (above 18pt) WCAG AA × Fail

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 60.4693, 0.2959, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

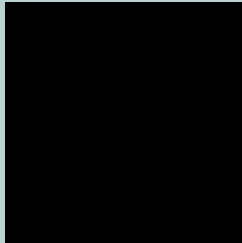
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

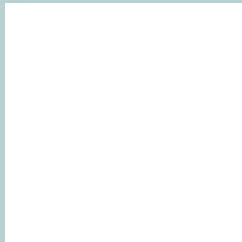
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4693, 0.2959, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 60.4693, 0.2959, 0.3302.

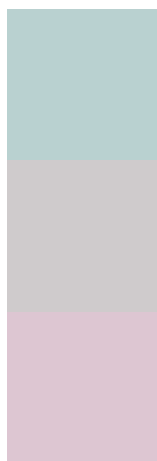


This preview shows how white text looks on a background with the Yxy color 60.4693, 0.2959, 0.3302.

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

60.4693, 0.2959, 0.3302

Protanopia

60.3369, 0.3151, 0.3278

Deuteranopia

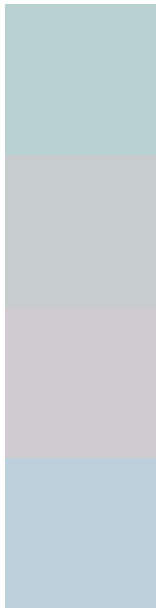
60.4135, 0.3220, 0.3156



Tritanopia

60.6447, 0.2883, 0.3101

Trichromacy



Original Color

60.4693, 0.2959, 0.3302

Protanomaly

60.2125, 0.3082, 0.3290

Deuteranomaly

60.2544, 0.3123, 0.3209

Tritanomaly

60.7385, 0.2908, 0.3171

Monochromacy



Original Color

60.4693, 0.2959, 0.3302

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7580, 0.3066, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4693, 0.2959, 0.3302 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(185, 209, 208)` looks like.

```
.text, #text, p{  
    color:rgb(185, 209, 208)  
}
```

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(185, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 209, 208) }
```

Border

The CSS property to change the border of an element to Yxy 60.4693, 0.2959, 0.3302 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(185, 209, 208) }
```

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

```
.border{ border-color:rgb(185, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 209, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 209, 208); box-shadow:4px 4px 4px 4px rgb(185, 209, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4693, 0.2959, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 209, 208) }
```

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

```
.background{ background-color: rgb(185,  
209, 208) }
```

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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