

Converting Colors

$Y_{xy}(52.7935, 0.3056, 0.3379)$

Have a look what the booklet for
Yxy(52.7935, 0.3056, 0.3379)
contains.

Yxy(52.8573, 0.3052, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8573, 0.3052, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B4C4BD
RGB	180, 196, 189
RGB Percent	71%, 77%, 74%
CMY	0.2942, 0.2313, 0.2588
CMYK	0.08, 0.00, 0.04, 0.23
HSL	154°, 12%, 74%
HSV	154°, 8%, 77%
XYZ	47.7421, 52.8573, 55.8294
YIQ	190.4180, -7.2890, -5.5690

Conversions

Conversions Part 2

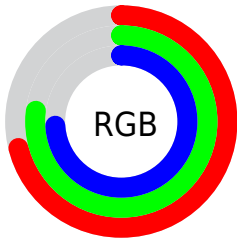
Format	Color
RYB	180, 190, 196
Decimal	11846845
CIELab	77.79, -6.81, 1.63
CIELCh	78, 7.005, 166.542
Yxy	52.8573, 0.3052, 0.3379
Android (android.graphics.Color)	4290036925 (0xFFB4C4BD)
YUV	190.4180, -0.6991, -9.1366
Hunter-Lab	72.7030, -10.0143, 5.3627

Details

The Yxy color $52.8573, 0.3052, 0.3379$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.9550, 0.3209, 0.3203$, and the grayscale version is $51.7518, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6760, 0.3068, 0.3369$, and $25.6356, 0.3027, 0.3394$ is the 20% darker color. If you saturate the color by 10%, you get $50.3103, 0.2963, 0.3499$, and if you desaturate by 10%, it is $55.7635, 0.3144, 0.3271$.

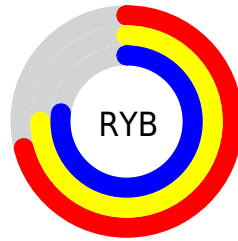
Distribution



Red (71%)

Green (77%)

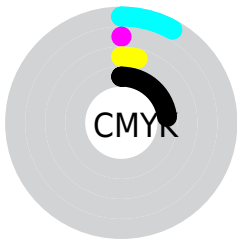
Blue (74%)



Red (71%)

Yellow (75%)

Blue (77%)

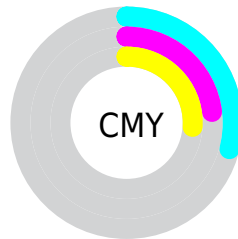


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8573, 0.3052, 0.3379 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 52.8573, 0.3052, 0.3379 by changing the saturation by 10% instead.


 52.8573, 0.3052,
0.3379

 52.8573, 0.3052,
0.3379


397.7374, 0.3089,
0.3335

 37.6889, 0.3043,
0.3390


 94.3944, 0.3065,
0.3363

 25.7413, 0.3031,
0.3403


121.5318, 0.3070,
0.3357

 16.6302, 0.3016,
0.3422


153.4276, 0.3075,
0.3352

 9.9712, 0.2995,
0.3446

190.4663, 0.3078,
0.3348

 5.3799, 0.2965,
0.3483

233.0322, 0.3081,
0.3344

 2.4718, 0.2916,
0.3542

281.5098, 0.3084,

 0.8625, 0.2791,

0.3341

0.3684

336.2834, 0.3087,
0.3338

0.0000, 0.0000,
0.0000

52.8573, 0.3052,
0.3379

52.8573, 0.3052,
0.3379

50.3103, 0.2963,
0.3499

55.7635, 0.3144,
0.3271

48.1014, 0.2878,
0.3631

59.0355, 0.3236,
0.3176

46.2176, 0.2801,
0.3776

62.6883, 0.3328,
0.3091

44.6425, 0.2735,
0.3931

66.0882, 0.3390,
0.3014

43.3581, 0.2683,
0.4094

66.5630, 0.3324,
0.2930

■ 42.3447, 0.2649,
0.4263

■ 67.0615, 0.3260,
0.2848

■ 41.5797, 0.2633,
0.4434

■ 67.5840, 0.3197,
0.2768

■ 41.0368, 0.2638,
0.4603

■ 67.9657, 0.3154,
0.2713

■ 40.6759, 0.2661,
0.4767

Harmonies

Analogous

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



52.8573, 0.3145, 0.3437



52.8573, 0.3052, 0.3379



52.8573, 0.2980, 0.3297

Triad

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



52.8573, 0.3052, 0.3379



52.8573, 0.3019, 0.3130



52.8573, 0.3311, 0.3362

Complementary

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



52.8573, 0.3052, 0.3379



47.9550, 0.3209, 0.3203

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.



52.8573, 0.3277, 0.3281



52.8573, 0.3052, 0.3379



52.8573, 0.3107, 0.3149

Square

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



52.8573, 0.3052, 0.3379



52.8573, 0.2961, 0.3153



52.8573, 0.3202, 0.3204



52.8573, 0.3296, 0.3426

Rectangle

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



52.8573, 0.3052, 0.3379



52.8573, 0.2953, 0.3240



52.8573, 0.3202, 0.3204



52.8573, 0.3305, 0.3336

Sweetspot

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



52.8595, 0.3052, 0.3379



98.9028, 0.3108, 0.3311



53.3685, 0.3175, 0.3493



21.1808, 0.3109, 0.3310



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.



52.8595, 0.3052, 0.3379



94.7831, 0.3034, 0.3402



52.8106, 0.3002, 0.3280



11.3517, 0.3041, 0.3393



26.1130, 0.2659, 0.4774



1.1419, 0.2558, 0.4407

Inverse Universe

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



47.9550, 0.3209, 0.3203



83.9055, 0.3231, 0.3181



47.9867, 0.3266, 0.3301



10.1494, 0.3222, 0.3190



7.9858, 0.5200, 0.2638



0.3589, 0.4646, 0.2333

Previews

White Background



This preview shows how the Yxy color 52.8573, 0.3052, 0.3379 looks on a white background.

Color Contrast Check

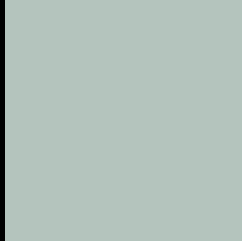
Large Text (above 18pt) WCAG AA × Fail

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 52.8573, 0.3052, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

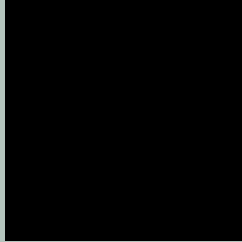
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

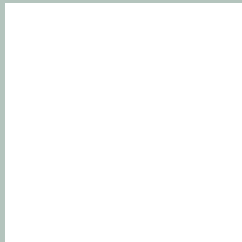
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8573, 0.3052, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 52.8573, 0.3052, 0.3379.

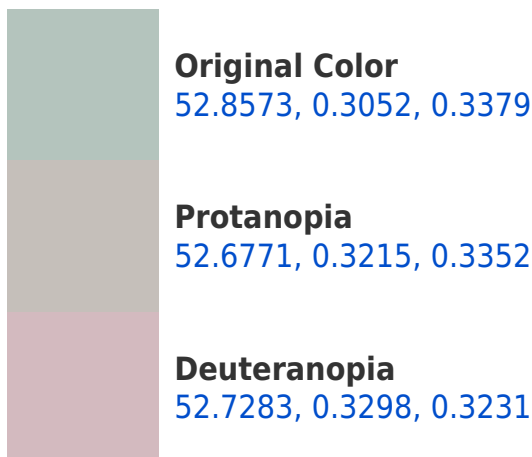


This preview shows how white text looks on a background with the Yxy color 52.8573, 0.3052, 0.3379.

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

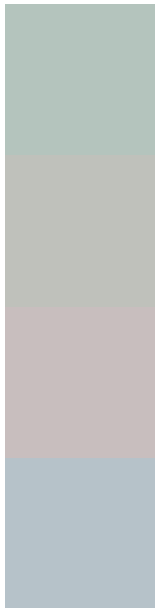




Tritanopia

52.7613, 0.2941, 0.3104

Trichromacy



Original Color

52.8573, 0.3052, 0.3379

Protanomaly

52.8042, 0.3156, 0.3365

Deuteranomaly

52.8240, 0.3209, 0.3290

Tritanomaly

52.7457, 0.2982, 0.3202

Monochromacy



Original Color

52.8573, 0.3052, 0.3379

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8561, 0.3094, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8573, 0.3052, 0.3379 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(180, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 189)  
}
```

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(180, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.8573, 0.3052, 0.3379 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(180, 196, 189) }
```

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

```
.border{ border-color:rgb(180, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8573, 0.3052, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 189) }
```

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

```
.background{ background-color: rgb(180,  
196, 189) }
```

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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