

Converting Colors

$Yxy(52.6055, 0.3069, 0.3386)$

Have a look what the booklet for
Yxy(52.6055, 0.3069, 0.3386)
contains.

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Color

Yxy(52.4848, 0.3068, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B5C3BC
RGB	181, 195, 188
RGB Percent	71%, 76%, 74%
CMY	0.2900, 0.2353, 0.2628
CMYK	0.07, 0.00, 0.04, 0.24
HSL	150°, 10%, 74%
HSV	150°, 7%, 76%
XYZ	47.6541, 52.4848, 55.1875
YIQ	190.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

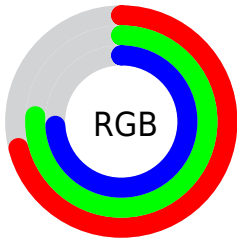
Format	Color
RYB	181, 190, 195
Decimal	11912124
CIELab	77.57, -6.10, 1.87
CIELCh	78, 6.383, 163.008
Yxy	52.4848, 0.3068, 0.3379
Android (android.graphics.Color)	4290102204 (0xFFB5C3BC)
YUV	190.0160, -0.9939, -7.9070
Hunter-Lab	72.4464, -9.3666, 5.5471

Details

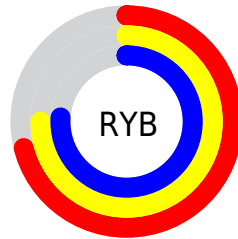
The Yxy color $52.4848, 0.3068, 0.3379$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.2995, 0.3191, 0.3203$, and the grayscale version is $51.5149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1570, 0.3080, 0.3369$, and $25.3882, 0.3048, 0.3394$ is the 20% darker color. If you saturate the color by 10%, you get $49.8836, 0.2987, 0.3516$, and if you desaturate by 10%, it is $55.4491, 0.3151, 0.3257$.

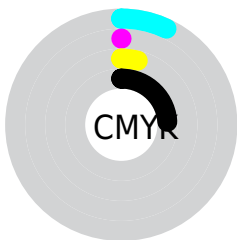
Distribution



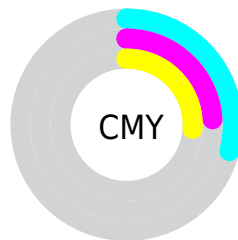
- Red (71%)
- Green (76%)
- Blue (74%)



- Red (71%)
- Yellow (75%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (29%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4848, 0.3068, 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 52.4848, 0.3068, 0.3379 by changing the saturation by 10% instead.


 52.4848, 0.3068,
0.3379

 52.4848, 0.3068,
0.3379


396.3054, 0.3097,
0.3335

 37.3916, 0.3061,
0.3390


 93.8458, 0.3079,
0.3363

 25.5109, 0.3052,
0.3404


120.8825, 0.3082,
0.3357

 16.4581, 0.3040,
0.3422


152.6691, 0.3086,
0.3352

 9.8489, 0.3023,
0.3447


189.5901, 0.3089,
0.3348

 5.2989, 0.2999,
0.3484

232.0298, 0.3091,
0.3344

 2.4237, 0.2959,
0.3543

280.3726, 0.3093,

 0.8380, 0.2855,

0.3341

0.3696

335.0030, 0.3095,
0.3338

0.0000, 0.0000,
0.0000

52.4848, 0.3068,
0.3379

52.4848, 0.3068,
0.3379

49.8836, 0.2987,
0.3516

55.4491, 0.3151,
0.3257

47.6245, 0.2910,
0.3668

58.7832, 0.3233,
0.3148

45.6947, 0.2839,
0.3834


62.5020, 0.3315,
0.3053


44.0779, 0.2778,
0.4012


65.8430, 0.3361,
0.2965

42.7562, 0.2731,
0.4201


66.3999, 0.3287,
0.2870


 41.7102, 0.2699,
0.4397

 66.9881, 0.3214,
0.2778

 40.9176, 0.2687,
0.4594

 67.5079, 0.3155,
0.2703

 40.3529, 0.2694,
0.4787

 39.9806, 0.2720,
0.4971

Harmonies

Analogous

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



52.4848, 0.3154, 0.3428



52.4848, 0.3068, 0.3379



52.4848, 0.2999, 0.3305

Triad

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



52.4848, 0.3068, 0.3379



52.4848, 0.3021, 0.3144



52.4848, 0.3294, 0.3348

Complementary

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



52.4848, 0.3068, 0.3379



48.2995, 0.3191, 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.



52.4848, 0.3257, 0.3273



52.4848, 0.3068, 0.3379



52.4848, 0.3099, 0.3157

Square

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



52.4848, 0.3068, 0.3379



52.4848, 0.2971, 0.3170



52.4848, 0.3185, 0.3204



52.4848, 0.3285, 0.3409

Rectangle

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



52.4848, 0.3068, 0.3379



52.4848, 0.2971, 0.3253



52.4848, 0.3185, 0.3204



52.4848, 0.3286, 0.3324

Sweetspot

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



52.4870, 0.3068, 0.3379



96.6477, 0.3110, 0.3315



53.0891, 0.3177, 0.3466



21.1765, 0.3111, 0.3313



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.



52.4870, 0.3068, 0.3379



93.0352, 0.3052, 0.3405



52.7862, 0.3019, 0.3293



11.3406, 0.3050, 0.3408



25.9461, 0.2721, 0.4997



1.1350, 0.2607, 0.4585

Inverse Universe

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



48.2995, 0.3191, 0.3203



83.5821, 0.3210, 0.3178



48.0140, 0.3246, 0.3287



10.1604, 0.3212, 0.3175



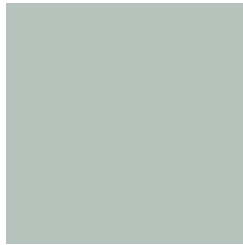
8.1303, 0.4927, 0.2488



0.3652, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 52.4848, 0.3068, 0.3379 looks on a white background.

Color Contrast Check

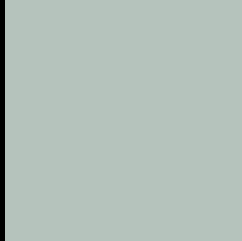
Large Text (above 18pt) WCAG AA × Fail

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 52.4848, 0.3068, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

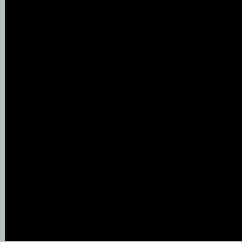
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

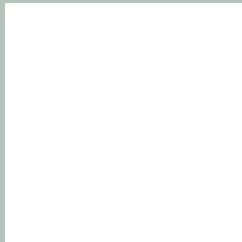
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4848, 0.3068, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 52.4848, 0.3068, 0.3379.



This preview shows how white text looks on a background with the Yxy color 52.4848, 0.3068, 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



Original Color

52.4848, 0.3068, 0.3379

Protanopia

52.5425, 0.3206, 0.3352

Deuteranopia

52.1173, 0.3299, 0.3231



Tritanopia

52.3946, 0.2955, 0.3104

Trichromacy



Original Color

52.4848, 0.3068, 0.3379

Protanomaly

52.3635, 0.3157, 0.3353

Deuteranomaly

52.2114, 0.3210, 0.3290

Tritanomaly

52.3773, 0.2997, 0.3202

Monochromacy



Original Color

52.4848, 0.3068, 0.3379

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9382, 0.3109, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4848, 0.3068, 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(181, 195, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 195, 188)  
}
```

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(181, 195, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 195, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.4848, 0.3068, 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(181, 195, 188) }
```

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

```
.border{ border-color:rgb(181, 195, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 195, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 195, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 195, 188);  
box-shadow:4px 4px 4px 4px rgb(181, 195,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4848, 0.3068, 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(181, 195, 188) }
```

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

```
.background{ background-color: rgb(181,  
195, 188) }
```

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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