

Converting Colors

$Yxy(51.8711, 0.3178, 0.3575)$

Have a look what the booklet for
Yxy(51.8711, 0.3178, 0.3575)
contains.

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Color

Yxy(51.8711, 0.3178, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	B5C3AD
RGB	181, 195, 173
RGB Percent	71%, 76%, 68%
CMY	0.2902, 0.2353, 0.3216
CMYK	0.07, 0.00, 0.11, 0.24
HSL	98°, 16%, 72%
HSV	98°, 11%, 76%
XYZ	46.1109, 51.8711, 47.1120
YIQ	188.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

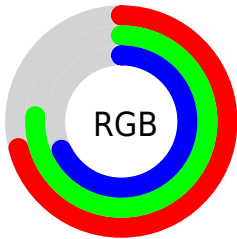
Format	Color
RYB	173, 195, 187
Decimal	11912109
CIELab	77.20, -8.86, 9.43
CIELCh	77, 12.937, 133.233
Yxy	51.8711, 0.3178, 0.3575
Android (android.graphics.Color)	4290102189 (0xFFB5C3AD)
YUV	188.3060, -7.5459, -6.4074
Hunter-Lab	72.0216, -11.7555, 11.6313

Details

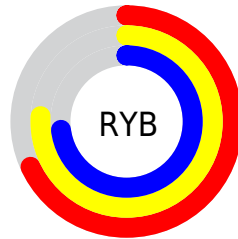
The Yxy color **51.8711, 0.3178, 0.3575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3910, 0.3071, 0.3010**, and the grayscale version is **50.5164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2268, 0.3173, 0.3532**, and **25.0194, 0.3186, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **49.7378, 0.3221, 0.3853**, and if you desaturate by 10%, it is **54.2529, 0.3133, 0.3321**.

Distribution



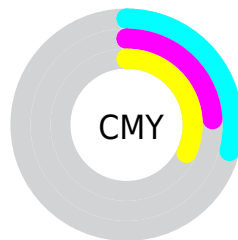
- Red (71%)
- Green (76%)
- Blue (68%)



- Red (68%)
- Yellow (76%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8711, 0.3178, 0.3575 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 51.8711, 0.3178, 0.3575 by changing the saturation by 10% instead.

■ 51.8711, 0.3178,
0.3575

■ 51.8711, 0.3178,
0.3575

393.9388, 0.3154,
0.3433

■ 36.9023, 0.3183,
0.3610

■ 92.9411, 0.3170,
0.3523

■ 25.1319, 0.3190,
0.3656

119.8112, 0.3166,
0.3504

■ 16.1753, 0.3199,
0.3716

151.4171, 0.3164,
0.3488

■ 9.6483, 0.3210,
0.3801

188.1433, 0.3161,
0.3473

■ 5.1664, 0.3224,
0.3927

230.3742, 0.3159,
0.3461

■ 2.3452, 0.3243,
0.4133

278.4941, 0.3157,

■ 0.7975, 0.3498,

0.3451

0.5150

332.8875, 0.3156,
0.3441

0.0000, 0.0000,
0.0000

51.8711, 0.3178,
0.3575

51.8711, 0.3178,
0.3575

49.7378, 0.3221,
0.3853

54.2529, 0.3133,
0.3321

47.8381, 0.3260,
0.4153

56.8843, 0.3088,
0.3092

46.1654, 0.3292,
0.4465

59.7749, 0.3044,
0.2888

44.7105, 0.3314,
0.4781

62.9320, 0.3002,
0.2707

43.4633, 0.3321,
0.5084

65.3237, 0.3066,
0.2686

■ 42.4129, 0.3313,
0.5356

■ 67.5143, 0.3155,
0.2703

■ 41.5472, 0.3286,
0.5581

■ 40.8522, 0.3243,
0.5744

■ 40.3670, 0.3199,
0.5842

Harmonies

Analogous

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



51.8711, 0.3342, 0.3595



51.8711, 0.3178, 0.3575



51.8711, 0.3004, 0.3472

Triad

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



51.8711, 0.3178, 0.3575



51.8711, 0.2814, 0.3044



51.8711, 0.3394, 0.3255

Complementary

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



51.8711, 0.3178, 0.3575



44.3910, 0.3071, 0.3010

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.



51.8711, 0.3246, 0.3118



51.8711, 0.3178, 0.3575



51.8711, 0.2912, 0.2997

Square

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



51.8711, 0.3178, 0.3575



51.8711, 0.2797, 0.3160



51.8711, 0.3069, 0.3024



51.8711, 0.3469, 0.3404

Rectangle

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



51.8711, 0.3178, 0.3575



51.8711, 0.2906, 0.3372



51.8711, 0.3069, 0.3024



51.8711, 0.3351, 0.3206

Sweetspot

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



51.8733, 0.3178, 0.3575



96.3771, 0.3141, 0.3364



50.1336, 0.3305, 0.3466



21.0272, 0.3145, 0.3384



0.0000, 0.0000, 0.0000



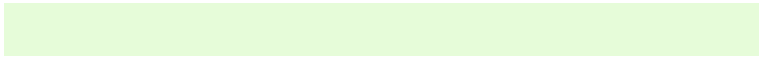
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8733, 0.3178, 0.3575



91.7325, 0.3191, 0.3654



51.0493, 0.3092, 0.3541



11.4329, 0.3169, 0.3524



26.2774, 0.3208, 0.5835



1.1745, 0.3392, 0.5689

Inverse Universe

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



44.3910, 0.3071, 0.3010



75.1957, 0.3054, 0.2933



45.2963, 0.3164, 0.3051



10.0587, 0.3081, 0.3059



5.4037, 0.2323, 0.1054



0.2713, 0.2524, 0.1164

Previews

White Background



This preview shows how the Yxy color 51.8711, 0.3178, 0.3575 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 51.8711, 0.3178, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

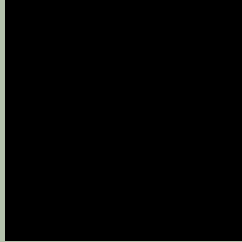
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

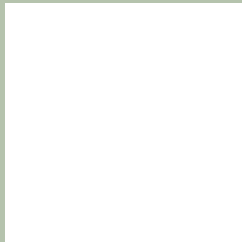
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8711, 0.3178, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 51.8711, 0.3178, 0.3575.



This preview shows how white text looks on a background with the Yxy color 51.8711, 0.3178, 0.3575.

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

51.8711, 0.3178, 0.3575

Protanopia

51.8713, 0.3359, 0.3540

Deuteranopia

51.6723, 0.3460, 0.3399



Tritanopia

51.6738, 0.2984, 0.3104

Trichromacy



Original Color

51.8711, 0.3178, 0.3575

Protanomaly

51.8460, 0.3288, 0.3556

Deuteranomaly

51.5790, 0.3356, 0.3463

Tritanomaly

51.7399, 0.3056, 0.3277

Monochromacy



Original Color

51.8711, 0.3178, 0.3575

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9948, 0.3139, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8711, 0.3178, 0.3575 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(181, 195, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 195, 173) }
```

Border

The CSS property to change the border of an element to Yxy 51.8711, 0.3178, 0.3575 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, 173) }
```

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

```
.border{ border-color:rgb(181, 195, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 195, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 195, 173);  
box-shadow:4px 4px 4px 4px rgb(181, 195,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8711, 0.3178, 0.3575 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, 173) }
```

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

```
.background{ background-color: rgb(181,  
195, 173) }
```

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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