

Converting Colors

$Yxy(51.7265, 0.3110, 0.3528)$

Have a look what the booklet for
Yxy(51.7265, 0.3110, 0.3528)
contains.

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Color

Yxy(51.8843, 0.3108, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	B0C4B1
RGB	176, 196, 177
RGB Percent	69%, 77%, 69%
CMY	0.3096, 0.2314, 0.3058
CMYK	0.10, 0.00, 0.10, 0.23
HSL	123°, 14%, 73%
HSV	123°, 10%, 77%
XYZ	45.5913, 51.8843, 49.2145
YIQ	187.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

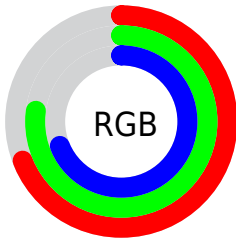
Format	Color
RYB	176, 195, 196
Decimal	11584689
CIELab	77.21, -10.38, 7.22
CIELCh	77, 12.642, 145.164
Yxy	51.8843, 0.3108, 0.3537
Android (android.graphics.Color)	4289774769 (0xFFB0C4B1)
YUV	187.8540, -5.3510, -10.3960
Hunter-Lab	72.0308, -13.0737, 9.9120

Details

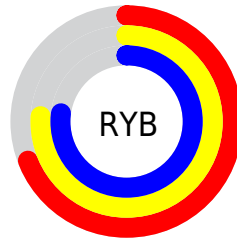
The Yxy color **51.8843, 0.3108, 0.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7499, 0.3146, 0.3055**, and the grayscale version is **50.2425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2896, 0.3111, 0.3492**, and **25.0122, 0.3101, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **49.0694, 0.3088, 0.3813**, and if you desaturate by 10%, it is **55.1352, 0.3127, 0.3294**.

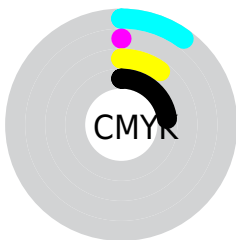
Distribution



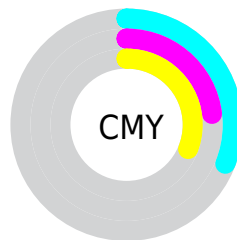
- Red (69%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (76%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (31%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8843, 0.3108, 0.3537 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 51.8843, 0.3108, 0.3537 by changing the saturation by 10% instead.

 51.8843, 0.3108,
0.3537

 51.8843, 0.3108,
0.3537


393.9898, 0.3118,
0.3414

 36.9129, 0.3105,
0.3568


 92.9606, 0.3112,
0.3492

 25.1400, 0.3101,
0.3607


119.8342, 0.3113,
0.3475

 16.1814, 0.3096,
0.3660


151.4440, 0.3115,
0.3461

 9.6526, 0.3088,
0.3733

188.1744, 0.3116,
0.3449

 5.1692, 0.3075,
0.3843

230.4098, 0.3116,
0.3438

 2.3469, 0.3052,
0.4024

278.5346, 0.3117,

 0.7984, 0.3030,

0.3429

0.4786

332.9331, 0.3118,
0.3421

0.0000, 0.0000,
0.0000

51.8843, 0.3108,
0.3537

51.8843, 0.3108,
0.3537

49.0694, 0.3088,
0.3813

55.1352, 0.3127,
0.3294

46.6658, 0.3067,
0.4120

58.8326, 0.3144,
0.3082

44.6561, 0.3046,
0.4451

62.9948, 0.3160,
0.2899

43.0194, 0.3027,
0.4795

67.6373, 0.3174,
0.2742

41.7327, 0.3010,
0.5133

67.9544, 0.3154,
0.2712

■ 40.7705, 0.2998,
0.5441

■ 40.1037, 0.2992,
0.5694

■ 39.6983, 0.2991,
0.5873

■ 39.4951, 0.2992,
0.5972

Harmonies

Analogous

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



51.8843, 0.3277, 0.3590



51.8843, 0.3108, 0.3537



51.8843, 0.2947, 0.3412

Triad

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



51.8843, 0.3108, 0.3537



51.8843, 0.2850, 0.3023



51.8843, 0.3427, 0.3314

Complementary

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



51.8843, 0.3108, 0.3537



46.7499, 0.3146, 0.3055

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.



51.8843, 0.3307, 0.3171



51.8843, 0.3108, 0.3537



51.8843, 0.2973, 0.3005

Square

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



51.8843, 0.3108, 0.3537



51.8843, 0.2801, 0.3112



51.8843, 0.3139, 0.3060



51.8843, 0.3465, 0.3456

Rectangle

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



51.8843, 0.3108, 0.3537



51.8843, 0.2865, 0.3307



51.8843, 0.3139, 0.3060



51.8843, 0.3395, 0.3265

Sweetspot

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



51.8865, 0.3108, 0.3537



98.1176, 0.3122, 0.3361



54.2567, 0.3271, 0.3538



20.8962, 0.3120, 0.3380



0.0000, 0.0000, 0.0000



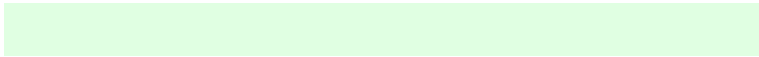
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8865, 0.3108, 0.3537



92.9151, 0.3104, 0.3590



52.2861, 0.3038, 0.3410



11.2665, 0.3110, 0.3516



25.3845, 0.2990, 0.5964



1.0995, 0.2954, 0.5834

Inverse Universe

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



46.7499, 0.3146, 0.3055



81.9123, 0.3151, 0.3007



46.3263, 0.3226, 0.3174



10.2389, 0.3145, 0.3074



9.8386, 0.3332, 0.1609



0.4277, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 51.8843, 0.3108, 0.3537 looks on a white background.

Color Contrast Check

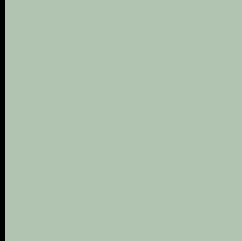
Large Text (above 18pt) WCAG AA × Fail

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 51.8843, 0.3108, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

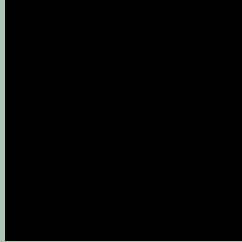
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

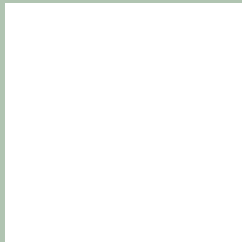
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8843, 0.3108, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 51.8843, 0.3108, 0.3537.



This preview shows how white text looks on a background with the Yxy color 51.8843, 0.3108, 0.3537.

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

51.8843, 0.3108, 0.3537

Protanopia

51.8887, 0.3318, 0.3490

Deuteranopia

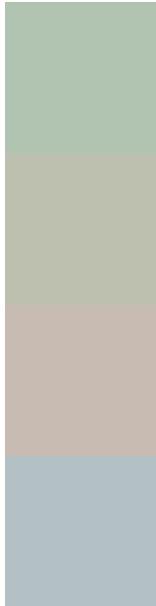
51.6818, 0.3418, 0.3351



Tritanopia

52.0280, 0.2932, 0.3103

Trichromacy



Original Color

51.8843, 0.3108, 0.3537

Protanomaly

51.7416, 0.3240, 0.3506

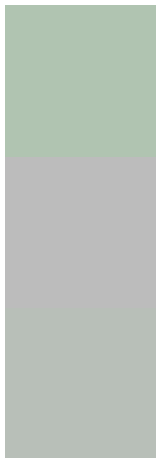
Deuteranomaly

51.4602, 0.3307, 0.3414

Tritanomaly

51.7092, 0.2995, 0.3252

Monochromacy



Original Color

51.8843, 0.3108, 0.3537

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9126, 0.3123, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8843, 0.3108, 0.3537 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(176, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(176, 196, 177)  
}
```

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(176, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 196, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.8843, 0.3108, 0.3537 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(176, 196, 177) }
```

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

```
.border{ border-color:rgb(176, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 196, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 196, 177); box-shadow:4px 4px 4px 4px rgb(176, 196, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8843, 0.3108, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 196, 177) }
```

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

```
.background{ background-color: rgb(176,  
196, 177) }
```

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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