

Converting Colors

$Yxy(66.3207, 0.3016, 0.3842)$

Have a look what the booklet for
Yxy(66.3207, 0.3016, 0.3842)
contains.

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Color

Yxy(66.2051, 0.3015, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	A9E2B6
RGB	169, 226, 182
RGB Percent	66%, 89%, 71%
CMY	0.3371, 0.1137, 0.2863
CMYK	0.25, 0.00, 0.19, 0.11
HSL	134°, 50%, 77%
HSV	134°, 25%, 89%
XYZ	52.0084, 66.2051, 54.2854
YIQ	203.9410, -19.8480, -25.7680

Conversions

Conversions Part 2

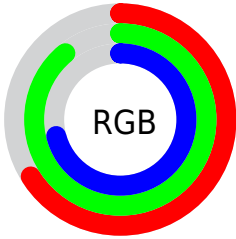
Format	Color
R _{YB}	169, 215, 226
Decimal	11133622
CIE Lab	85.10, -26.82, 15.72
CIE LCh	85, 31.088, 149.617
Yxy	66.2051, 0.3015, 0.3838
Android (android.graphics.Color)	4289323702 (0xFFA9E2B6)
YUV	203.9410, -10.8169, -30.6433
Hunter-Lab	81.3665, -28.2965, 17.4000

Details

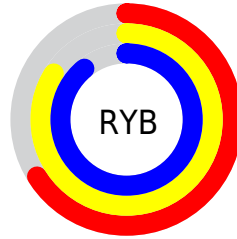
The Yxy color **66.2051, 0.3015, 0.3838** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.3696, 0.3263, 0.2798**, and the grayscale version is **60.4300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7006, 0.3039, 0.3463**, and **34.0474, 0.2984, 0.3978** is the 20% darker color. If you saturate the color by 10%, you get **63.2421, 0.2974, 0.4099**, and if you desaturate by 10%, it is **69.6958, 0.3059, 0.3601**.

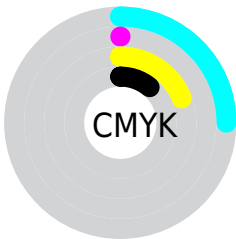
Distribution



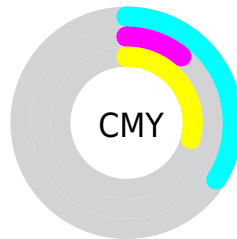
- Red (66%)
- Green (89%)
- Blue (71%)



- Red (66%)
- Yellow (84%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (34%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2051, 0.3015, 0.3838 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 66.2051, 0.3015, 0.3838 by changing the saturation by 10% instead.

 66.2051, 0.3015,
0.3838

 66.2051, 0.3015,
0.3838

447.1100, 0.3073,
0.3570

 48.4389, 0.3000,
0.3903


 113.7807, 0.3036,
0.3742

 34.1746, 0.2981,
0.3985


144.3588, 0.3044,
0.3706

 23.0278, 0.2955,
0.4093


179.9764, 0.3051,
0.3675

 14.6140, 0.2919,
0.4239

221.0179, 0.3056,
0.3648

 8.5489, 0.2865,
0.4449

267.8676, 0.3061,
0.3625

 4.4482, 0.2774,
0.4776

320.9099, 0.3066,

 1.9273, 0.2615,

0.3604

380.5293, 0.3069,
0.3586

0.5375

0.5647, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.2051, 0.3015,
0.3838

66.2051, 0.3015,
0.3838

63.2421, 0.2974,
0.4099

69.6958, 0.3059,
0.3601

60.7728, 0.2938,
0.4380

73.7296, 0.3104,
0.3390

58.7725, 0.2910,
0.4674

78.3315, 0.3148,
0.3204

57.2105, 0.2893,
0.4967

82.6692, 0.3161,
0.3039

■ 56.0528, 0.2889,
0.5245

■ 82.8705, 0.3140,
0.3009

■ 55.2599, 0.2900,
0.5491

■ 54.7841, 0.2924,
0.5692

■ 54.6326, 0.2936,
0.5770

Harmonies

Analogous

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



66.2051, 0.3400, 0.3984



66.2051, 0.3015, 0.3838



66.2051, 0.2675, 0.3513

Triad

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



66.2051, 0.3015, 0.3838



66.2051, 0.2544, 0.2681



66.2051, 0.3841, 0.3374

Complementary

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



66.2051, 0.3015, 0.3838



49.3696, 0.3263, 0.2798

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.



66.2051, 0.3583, 0.3066



66.2051, 0.3015, 0.3838



66.2051, 0.2825, 0.2679

Square

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



66.2051, 0.3015, 0.3838



66.2051, 0.2416, 0.2838



66.2051, 0.3205, 0.2819



66.2051, 0.3891, 0.3681

Rectangle

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



66.2051, 0.3015, 0.3838



66.2051, 0.2515, 0.3260



66.2051, 0.3205, 0.2819



66.2051, 0.3775, 0.3268

Sweetspot

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



66.2079, 0.3015, 0.3838



95.3600, 0.3091, 0.3447



71.5016, 0.3414, 0.3938



20.2358, 0.3084, 0.3479



0.0000, 0.0000, 0.0000



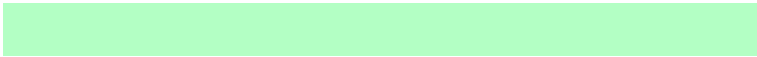
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2079, 0.3015, 0.3838



85.0243, 0.2994, 0.3966



67.4773, 0.2850, 0.3484



15.3880, 0.3085, 0.3476



31.1841, 0.2930, 0.5746



2.1751, 0.2848, 0.5454

Inverse Universe

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



49.3696, 0.3263, 0.2798



59.4509, 0.3297, 0.2698



48.0731, 0.3510, 0.3105



13.8796, 0.3172, 0.3111



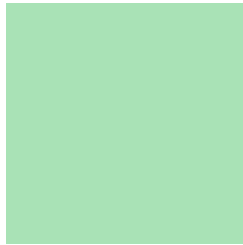
11.0012, 0.3880, 0.1911



0.7757, 0.3756, 0.1842

Previews

White Background



This preview shows how the Yxy color 66.2051, 0.3015, 0.3838 looks on a white background.

Color Contrast Check

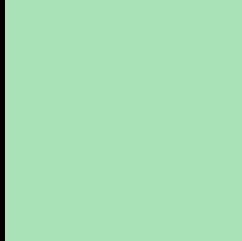
Large Text (above 18pt) WCAG AA × Fail

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 66.2051, 0.3015, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

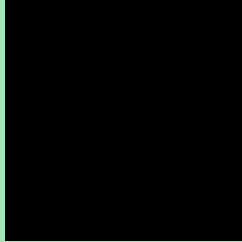
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

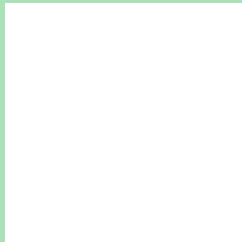
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2051, 0.3015, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 66.2051, 0.3015, 0.3838.

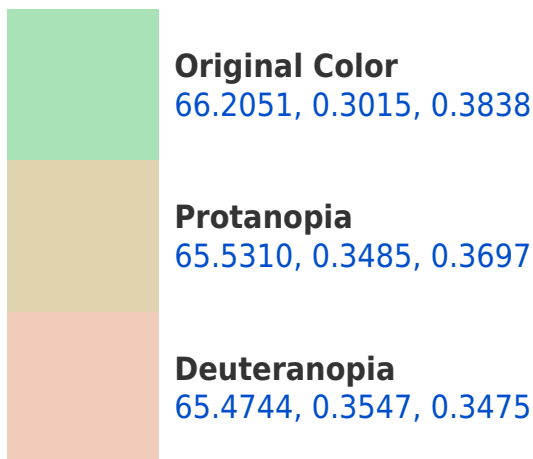


This preview shows how white text looks on a background with the Yxy color 66.2051, 0.3015, 0.3838.

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

66.3029, 0.2755, 0.3092

Trichromacy



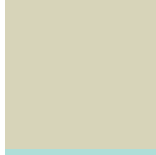
Original Color

66.2051, 0.3015, 0.3838



Protanomaly

65.1635, 0.3298, 0.3738



Deuteranomaly

65.0368, 0.3340, 0.3600



Tritanomaly

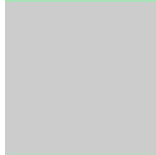
66.3144, 0.2848, 0.3361

Monochromacy



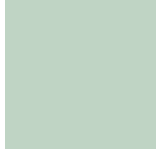
Original Color

66.2051, 0.3015, 0.3838



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.1489, 0.3081, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2051, 0.3015, 0.3838 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(169, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(169, 226, 182)  
}
```

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(169, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 226, 182) }
```

Border

The CSS property to change the border of an element to Yxy 66.2051, 0.3015, 0.3838 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(169, 226, 182) }
```

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

```
.border{ border-color:rgb(169, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(169, 226,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2051, 0.3015, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 226, 182) }
```

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

```
.background{ background-color: rgb(169,  
226, 182) }
```

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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