

Converting Colors

$Yxy(57.8285, 0.3030, 0.3677)$

Have a look what the booklet for
Yxy(57.8285, 0.3030, 0.3677)
contains.

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Color

Yxy(57.8235, 0.3029, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	A9D2B4
RGB	169, 210, 180
RGB Percent	66%, 82%, 71%
CMY	0.3373, 0.1764, 0.2941
CMYK	0.20, 0.00, 0.14, 0.18
HSL	136°, 31%, 74%
HSV	136°, 20%, 82%
XYZ	47.6462, 57.8235, 51.8304
YIQ	194.3210, -14.8060, -18.0220

Conversions

Conversions Part 2

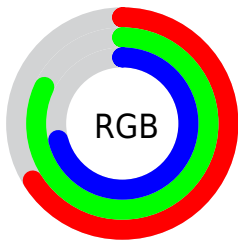
Format	Color
RYB	169, 201, 210
Decimal	11129524
CIELab	80.64, -19.36, 10.46
CIELCh	81, 22.008, 151.619
Yxy	57.8235, 0.3029, 0.3676
Android (android.graphics.Color)	4289319604 (0xFFA9D2B4)
YUV	194.3210, -7.0603, -22.2065
Hunter-Lab	76.0418, -21.2287, 12.8169

Details

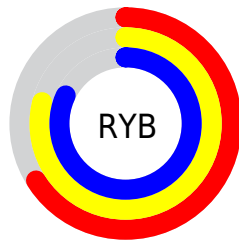
The Yxy color **57.8235, 0.3029, 0.3676** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.2003, 0.3242, 0.2933**, and the grayscale version is **54.1987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5837, 0.3051, 0.3484**, and **28.6880, 0.3000, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **55.0949, 0.2981, 0.3909**, and if you desaturate by 10%, it is **60.9994, 0.3079, 0.3467**.

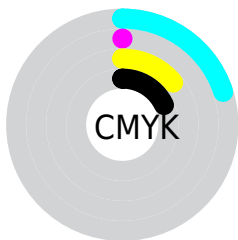
Distribution



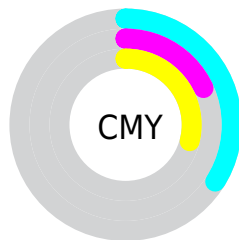
- Red (66%)
- Green (82%)
- Blue (71%)



- Red (66%)
- Yellow (79%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)





- Cyan (34%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8235, 0.3029, 0.3676 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 57.8235, 0.3029, 0.3676 by changing the saturation by 10% instead.

 57.8235, 0.3029,
0.3676


 57.8235, 0.3029,
0.3676


416.5279, 0.3079,
0.3485

 41.6668, 0.3016,
0.3723


 101.6658, 0.3047,
0.3607

 28.8405, 0.3000,
0.3783

 130.1201, 0.3054,
0.3581

 18.9602, 0.2978,
0.3863


163.4425, 0.3060,
0.3559

 11.6415, 0.2947,
0.3973

202.0172, 0.3065,
0.3540

 6.5001, 0.2901,
0.4135

246.2287, 0.3069,
0.3523

 3.1515, 0.2823,
0.4396

296.4614, 0.3073,

 1.2113, 0.2685,

0.3509

0.5027

353.0997, 0.3076,
0.3496

0.0709, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.8235, 0.3029,
0.3676

57.8235, 0.3029,
0.3676

55.0949, 0.2981,
0.3909

60.9994, 0.3079,
0.3467

52.7863, 0.2937,
0.4163

64.6341, 0.3130,
0.3282

50.8785, 0.2901,
0.4434

68.7476, 0.3179,
0.3119

49.3480, 0.2875,
0.4714

73.3566, 0.3226,
0.2977

■ 48.1687, 0.2862,
0.4991

■ 74.5760, 0.3148,
0.2851

■ 47.3110, 0.2864,
0.5252

■ 46.7403, 0.2882,
0.5483

■ 46.3987, 0.2910,
0.5673

■ 46.3851, 0.2911,
0.5681

Harmonies

Analogous

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



57.8235, 0.3316, 0.3795



57.8235, 0.3029, 0.3676



57.8235, 0.2777, 0.3438

Triad

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



57.8235, 0.3029, 0.3676



57.8235, 0.2701, 0.2829



57.8235, 0.3661, 0.3375

Complementary

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



57.8235, 0.3029, 0.3676



46.2003, 0.3242, 0.2933

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.



57.8235, 0.3482, 0.3139



57.8235, 0.3029, 0.3676



57.8235, 0.2922, 0.2832

Square

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



57.8235, 0.3029, 0.3676



57.8235, 0.2594, 0.2946



57.8235, 0.3207, 0.2944



57.8235, 0.3689, 0.3603

Rectangle

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



57.8235, 0.3029, 0.3676



57.8235, 0.2659, 0.3254



57.8235, 0.3207, 0.2944



57.8235, 0.3616, 0.3295

Sweetspot

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



57.8259, 0.3029, 0.3676



96.5127, 0.3097, 0.3400



61.1121, 0.3332, 0.3787



20.5799, 0.3093, 0.3413



0.0000, 0.0000, 0.0000



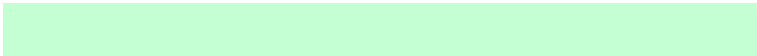
21.4041, 0.3127, 0.3290

Same Dimension

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



57.8259, 0.3029, 0.3676



88.0608, 0.3011, 0.3760



58.7211, 0.2897, 0.3410



13.2577, 0.3080, 0.3465



28.3069, 0.2905, 0.5657



1.5961, 0.2801, 0.5284

Inverse Universe

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



46.2003, 0.3242, 0.2933



67.1452, 0.3268, 0.2862



45.3139, 0.3422, 0.3174



11.9526, 0.3178, 0.3121



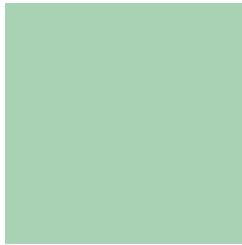
9.7911, 0.4022, 0.1989



0.5603, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 57.8235, 0.3029, 0.3676 looks on a white background.

Color Contrast Check

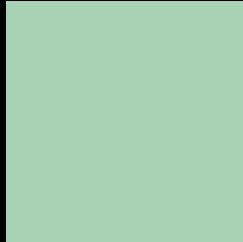
Large Text (above 18pt) WCAG AA × Fail

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 57.8235, 0.3029, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

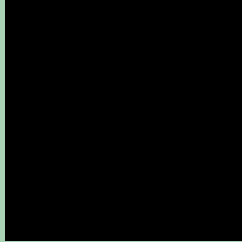
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8235, 0.3029, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 57.8235, 0.3029, 0.3676.



This preview shows how white text looks on a background with the Yxy color 57.8235, 0.3029, 0.3676.

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

57.8235, 0.3029, 0.3676

Protanopia

57.4581, 0.3396, 0.3589

Deuteranopia

57.6082, 0.3462, 0.3394



Tritanopia

57.6363, 0.2811, 0.3083

Trichromacy



Original Color

57.8235, 0.3029, 0.3676

Protanomaly

57.3158, 0.3252, 0.3623

Deuteranomaly

57.2449, 0.3294, 0.3482

Tritanomaly

57.4831, 0.2887, 0.3289

Monochromacy



Original Color

57.8235, 0.3029, 0.3676

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.2970, 0.3090, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8235, 0.3029, 0.3676 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, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(169, 210, 180)  
}
```

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, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 210, 180) }
```

Border

The CSS property to change the border of an element to Yxy 57.8235, 0.3029, 0.3676 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, 210, 180) }
```

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

```
.border{ border-color:rgb(169, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(169, 210,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8235, 0.3029, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 210, 180) }
```

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

```
.background{ background-color: rgb(169,  
210, 180) }
```

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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