

Converting Colors

$Yxy(68.0800, 0.3101, 0.3847)$

Have a look what the booklet for
Yxy(68.0800, 0.3101, 0.3847)
contains.

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Color

Yxy(68.0981, 0.3101, 0.3849)

Conversions

Conversions Part 1

Format	Color
Hex	B5E3B5
RGB	181, 227, 181
RGB Percent	71%, 89%, 71%
CMY	0.2902, 0.1098, 0.2902
CMYK	0.20, 0.00, 0.20, 0.11
HSL	120°, 45%, 80%
HSV	120°, 20%, 89%
XYZ	54.8642, 68.0981, 53.9619
YIQ	208.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

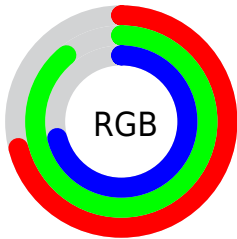
Format	Color
RYB	181, 227, 227
Decimal	11920309
CIELab	86.06, -23.58, 17.69
CIELCh	86, 29.476, 143.131
Yxy	68.0981, 0.3101, 0.3849
Android (android.graphics.Color)	4290110389 (0xFFB5E3B5)
YUV	208.0020, -13.3120, -23.6808
Hunter-Lab	82.5216, -25.7377, 18.9946

Details

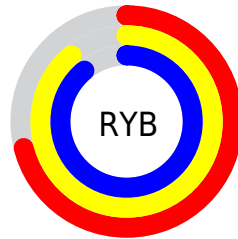
The Yxy color **68.0981, 0.3101, 0.3849** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.9201, 0.3151, 0.2788**, and the grayscale version is **63.1727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6389, 0.3119, 0.3469**, and **35.1964, 0.3086, 0.3991** is the 20% darker color. If you saturate the color by 10%, you get **64.7201, 0.3086, 0.4176**, and if you desaturate by 10%, it is **72.0807, 0.3115, 0.3555**.

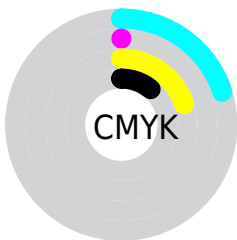
Distribution



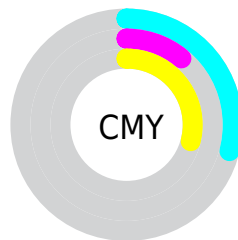
- Red (71%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0981, 0.3101, 0.3849 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 68.0981, 0.3101, 0.3849 by changing the saturation by 10% instead.


 68.0981, 0.3101,
0.3849

 68.0981, 0.3101,
0.3849

453.8435, 0.3118,
0.3578

 49.9775, 0.3096,
0.3914

 116.4925, 0.3108,
0.3752

 35.3956, 0.3088,
0.3997


147.5351, 0.3110,
0.3715

 23.9677, 0.3078,
0.4104


183.6538, 0.3112,
0.3684

 15.3097, 0.3061,
0.4248

225.2331, 0.3114,
0.3657

 9.0370, 0.3034,
0.4455

272.6573, 0.3115,
0.3633

 4.7653, 0.2985,
0.4770

326.3109, 0.3116,

 2.1102, 0.2894,

0.3613

0.5338

386.5781, 0.3117,
0.3594

0.6704, 0.0841,
0.9159

0.0000, 0.0000,
0.0000

68.0981, 0.3101,
0.3849

68.0981, 0.3101,
0.3849

64.7201, 0.3086,
0.4176

72.0807, 0.3115,
0.3555

61.9089, 0.3069,
0.4527

76.6861, 0.3127,
0.3297

59.6362, 0.3052,
0.4888

81.9425, 0.3137,
0.3072

57.8675, 0.3036,
0.5235

83.4216, 0.3140,
0.3019

■ 56.5645, 0.3022,
0.5541

■ 55.6833, 0.3011,
0.5778

■ 55.1719, 0.3003,
0.5929

■ 54.9419, 0.3000,
0.6000

Harmonies

Analogous

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



68.0981, 0.3459, 0.3942



68.0981, 0.3101, 0.3849



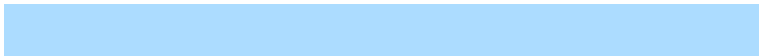
68.0981, 0.2763, 0.3574

Triad

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



68.0981, 0.3101, 0.3849



68.0981, 0.2538, 0.2736



68.0981, 0.3760, 0.3306

Complementary

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



68.0981, 0.3101, 0.3849



54.9201, 0.3151, 0.2788

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.



68.0981, 0.3485, 0.3022



68.0981, 0.3101, 0.3849



68.0981, 0.2776, 0.2702

Square

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



68.0981, 0.3101, 0.3849



68.0981, 0.2451, 0.2917



68.0981, 0.3120, 0.2807



68.0981, 0.3852, 0.3601

Rectangle

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



68.0981, 0.3101, 0.3849



68.0981, 0.2593, 0.3340



68.0981, 0.3120, 0.2807



68.0981, 0.3685, 0.3207

Sweetspot

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



68.1010, 0.3101, 0.3849



96.2668, 0.3120, 0.3441



74.1907, 0.3433, 0.3786



20.5220, 0.3119, 0.3459



0.0000, 0.0000, 0.0000



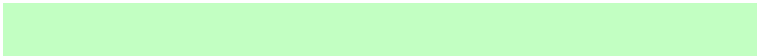
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1010, 0.3101, 0.3849



86.8506, 0.3095, 0.3972



69.0869, 0.2965, 0.3573



16.0893, 0.3116, 0.3533



32.0404, 0.3000, 0.6000



2.3677, 0.3000, 0.6000

Inverse Universe

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



54.9201, 0.3151, 0.2788



66.9722, 0.3155, 0.2691



53.7717, 0.3329, 0.3024



14.6151, 0.3138, 0.3059



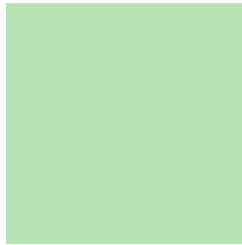
12.7543, 0.3209, 0.1541



0.9425, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 68.0981, 0.3101, 0.3849 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 68.0981, 0.3101, 0.3849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

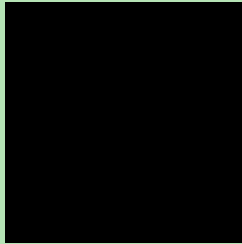
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0981, 0.3101, 0.3849

Background



This preview shows how black text looks on a background with the Yxy color 68.0981, 0.3101, 0.3849.

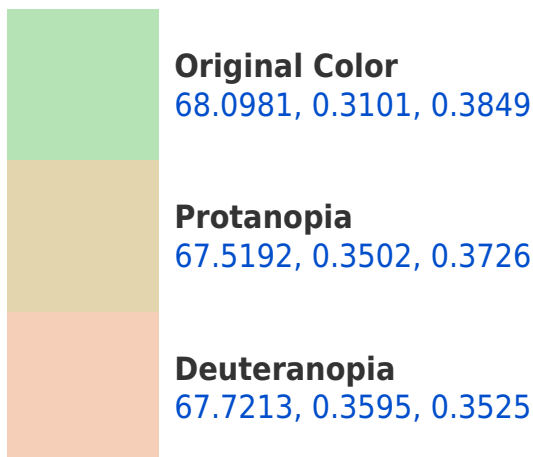


This preview shows how white text looks on a background with the Yxy color 68.0981, 0.3101, 0.3849.

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

67.8538, 0.2824, 0.3086

Trichromacy



Original Color

68.0981, 0.3101, 0.3849



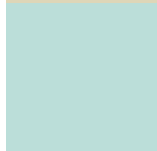
Protanomaly

67.5390, 0.3346, 0.3776



Deuteranomaly

67.0834, 0.3398, 0.3628



Tritanomaly

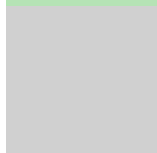
67.8171, 0.2919, 0.3348

Monochromacy



Original Color

68.0981, 0.3101, 0.3849



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

64.6839, 0.3118, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0981, 0.3101, 0.3849 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, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 181)  
}
```

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, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 181) }
```

Border

The CSS property to change the border of an element to Yxy 68.0981, 0.3101, 0.3849 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, 227, 181) }
```

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

```
.border{ border-color:rgb(181, 227, 181) }
```

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

Here you see how a box with a 4 pixel rgb(181, 227, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0981, 0.3101, 0.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 181) }
```

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

```
.background{ background-color: rgb(181,  
227, 181) }
```

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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