

Converting Colors

Yxy(68.2184, 0.3107, 0.3848)

Have a look what the booklet for
Yxy(68.2184, 0.3107, 0.3848)
contains.

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Color

Yxy(68.2194, 0.3108, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	B6E3B5
RGB	182, 227, 181
RGB Percent	71%, 89%, 71%
CMY	0.2862, 0.1098, 0.2903
CMYK	0.20, 0.00, 0.20, 0.11
HSL	119°, 45%, 80%
HSV	119°, 20%, 89%
XYZ	55.1003, 68.2194, 53.9657
YIQ	208.3010, -12.0540, -23.8460

Conversions

Conversions Part 2

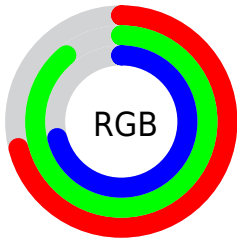
Format	Color
RYB	181, 227, 226
Decimal	11985845
CIELab	86.12, -23.25, 17.79
CIELCh	86, 29.270, 142.580
Yxy	68.2194, 0.3108, 0.3848
Android (android.graphics.Color)	4290175925 (0xFFB6E3B5)
YUV	208.3010, -13.4594, -23.0660
Hunter-Lab	82.5950, -25.4615, 19.0778

Details

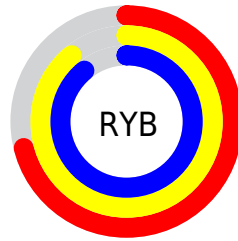
The Yxy color **68.2194, 0.3108, 0.3848** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.7484, 0.3142, 0.2786**, and the grayscale version is **63.3783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8116, 0.3125, 0.3469**, and **35.2735, 0.3094, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **64.8739, 0.3096, 0.4173**, and if you desaturate by 10%, it is **72.1507, 0.3118, 0.3555**.

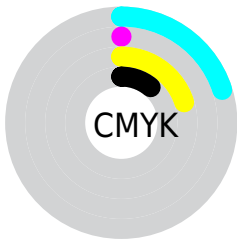
Distribution



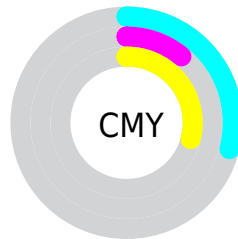
- Red (71%)
- Green (89%)
- Blue (71%)



- 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 68.2194, 0.3108, 0.3848 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 68.2194, 0.3108, 0.3848 by changing the saturation by 10% instead.

 68.2194, 0.3108,
0.3848

 68.2194, 0.3108,
0.3848


454.2730, 0.3122,
0.3577

 50.0762, 0.3103,
0.3913

 116.6660, 0.3114,
0.3752

 35.4740, 0.3097,
0.3995


147.7381, 0.3116,
0.3715

 24.0282, 0.3088,
0.4102


183.8888, 0.3117,
0.3683

 15.3546, 0.3073,
0.4246

225.5023, 0.3119,
0.3656

 9.0686, 0.3048,
0.4451

272.9631, 0.3120,
0.3633

 4.7860, 0.3002,
0.4765


326.6556, 0.3121,


 2.1222, 0.2917,


0.3612


386.9640, 0.3121,
0.3594


0.5328


 0.6771, 0.1010,
0.8990


 0.0000, 0.0000,
0.0000


 68.2194, 0.3108,
0.3848


 68.2194, 0.3108,
0.3848


 64.8739, 0.3096,
0.4173


 72.1507, 0.3118,
0.3555


 62.0780, 0.3082,
0.4522

 76.6846, 0.3127,
0.3297

 59.8048, 0.3066,
0.4881

 81.8482, 0.3134,
0.3072

 58.0220, 0.3050,
0.5227

 83.4208, 0.3140,
0.3019

■ 56.6935, 0.3035,
0.5532

■ 55.7782, 0.3021,
0.5770

■ 55.2277, 0.3010,
0.5924

■ 54.9737, 0.3004,
0.5997

Harmonies

Analogous

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



68.2194, 0.3463, 0.3937



68.2194, 0.3108, 0.3848



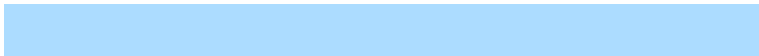
68.2194, 0.2772, 0.3578

Triad

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



68.2194, 0.3108, 0.3848



68.2194, 0.2539, 0.2742



68.2194, 0.3751, 0.3300

Complementary

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



68.2194, 0.3108, 0.3848



54.7484, 0.3142, 0.2786

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.



68.2194, 0.3476, 0.3020



68.2194, 0.3108, 0.3848



68.2194, 0.2773, 0.2705

Square

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



68.2194, 0.3108, 0.3848



68.2194, 0.2456, 0.2924



68.2194, 0.3113, 0.2807



68.2194, 0.3847, 0.3594

Rectangle

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



68.2194, 0.3108, 0.3848



68.2194, 0.2600, 0.3346



68.2194, 0.3113, 0.2807



68.2194, 0.3676, 0.3202

Sweetspot

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



68.2223, 0.3108, 0.3848



96.3263, 0.3122, 0.3441



73.7721, 0.3435, 0.3778



20.5360, 0.3122, 0.3459



0.0000, 0.0000, 0.0000



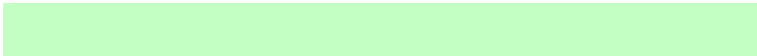
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2223, 0.3108, 0.3848



87.0314, 0.3103, 0.3971



69.0476, 0.2969, 0.3582



16.1045, 0.3119, 0.3533



32.0660, 0.3005, 0.5996



2.3750, 0.3019, 0.5985

Inverse Universe

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



54.7484, 0.3142, 0.2786



66.7149, 0.3145, 0.2689



53.8028, 0.3322, 0.3015



14.5979, 0.3134, 0.3058



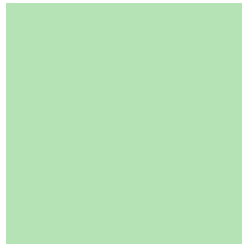
12.2897, 0.3153, 0.1511



0.9134, 0.3162, 0.1516

Previews

White Background



This preview shows how the Yxy color 68.2194, 0.3108, 0.3848 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 68.2194, 0.3108, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

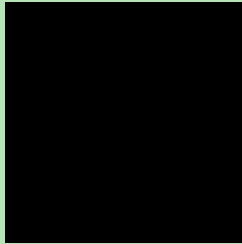
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

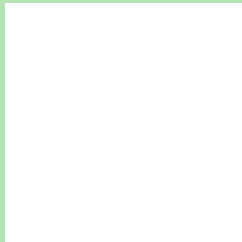
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2194, 0.3108, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 68.2194, 0.3108, 0.3848.

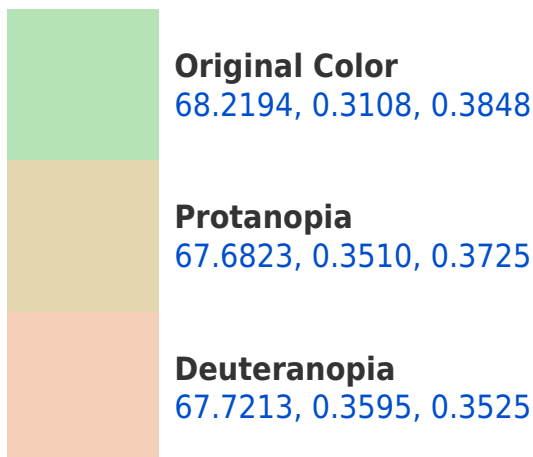


This preview shows how white text looks on a background with the Yxy color 68.2194, 0.3108, 0.3848.

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

67.9839, 0.2831, 0.3086

Trichromacy



Original Color

68.2194, 0.3108, 0.3848

Protanomaly

67.6862, 0.3354, 0.3775

Deuteranomaly

67.2418, 0.3406, 0.3627

Tritanomaly

67.9437, 0.2926, 0.3348

Monochromacy



Original Color

68.2194, 0.3108, 0.3848

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.8202, 0.3125, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2194, 0.3108, 0.3848 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(182, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 181) }
```

Border

The CSS property to change the border of an element to Yxy 68.2194, 0.3108, 0.3848 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(182, 227, 181) }
```

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

```
.border{ border-color:rgb(182, 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(182, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2194, 0.3108, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 181) }
```

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

```
.background{ background-color: rgb(182,  
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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