

Converting Colors

Yxy(68.5415, 0.3123, 0.3837)

Have a look what the booklet for
Yxy(68.5415, 0.3123, 0.3837)
contains.

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Color

Yxy(68.6299, 0.3122, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	B9E3B6
RGB	185, 227, 182
RGB Percent	73%, 89%, 71%
CMY	0.2746, 0.1098, 0.2863
CMYK	0.19, 0.00, 0.20, 0.11
HSL	116°, 45%, 80%
HSV	116°, 20%, 89%
XYZ	55.9140, 68.6299, 54.5529
YIQ	209.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

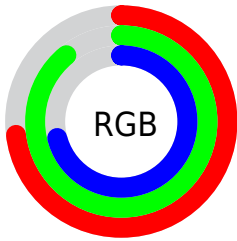
Format	Color
RYB	182, 227, 224
Decimal	12182454
CIELab	86.32, -22.08, 17.57
CIELCh	86, 28.219, 141.501
Yxy	68.6299, 0.3122, 0.3832
Android (android.graphics.Color)	4290372534 (0xFFB9E3B6)
YUV	209.3120, -13.4648, -21.3216
Hunter-Lab	82.8432, -24.4991, 18.9473

Details

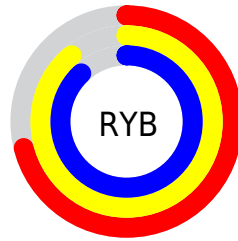
The Yxy color **68.6299, 0.3122, 0.3832** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.8548, 0.3126, 0.2795**, and the grayscale version is **64.0674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5703, 0.3144, 0.3458**, and **35.5361, 0.3113, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **65.3263, 0.3116, 0.4153**, and if you desaturate by 10%, it is **72.4846, 0.3126, 0.3542**.

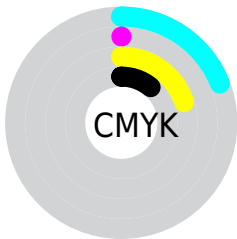
Distribution



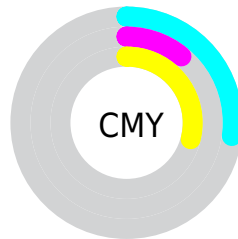
- Red (73%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (27%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6299, 0.3122, 0.3832 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 68.6299, 0.3122, 0.3832 by changing the saturation by 10% instead.

 68.6299, 0.3122,
0.3832

 68.6299, 0.3122,
0.3832


455.7246, 0.3129,
0.3570

 50.4104, 0.3119,
0.3895

 117.2528, 0.3125,
0.3739

 35.7396, 0.3115,
0.3974

148.4250, 0.3126,
0.3703

 24.2331, 0.3108,
0.4077


184.6834, 0.3127,
0.3673

 15.5066, 0.3098,
0.4216

226.4126, 0.3128,
0.3646

 9.1757, 0.3079,
0.4413

273.9970, 0.3128,
0.3624

 4.8560, 0.3041,
0.4713


327.8208, 0.3129,

 2.1630, 0.2968,


0.3604


0.5241


388.2685, 0.3129,
0.3586


 0.6997, 0.1525,
0.8475

 0.0000, 0.0000,
0.0000


 68.6299, 0.3122,
0.3832


 68.6299, 0.3122,
0.3832


 65.3263, 0.3116,
0.4153

 72.4846, 0.3126,
0.3542


 62.5405, 0.3107,
0.4497

 76.9049, 0.3127,
0.3286

 60.2488, 0.3096,
0.4852

 81.9153, 0.3127,
0.3062

 58.4223, 0.3081,
0.5195

 83.4251, 0.3140,
0.3019

■ 57.0290, 0.3063,
0.5501

■ 56.0330, 0.3044,
0.5745

■ 55.3924, 0.3026,
0.5907

■ 55.0505, 0.3011,
0.5990

■ 55.0466, 0.3011,
0.5991

Harmonies

Analogous

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



68.6299, 0.3462, 0.3911



68.6299, 0.3122, 0.3832



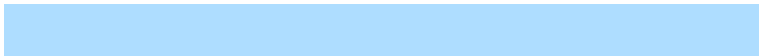
68.6299, 0.2795, 0.3578

Triad

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



68.6299, 0.3122, 0.3832



68.6299, 0.2555, 0.2766



68.6299, 0.3720, 0.3291

Complementary

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



68.6299, 0.3122, 0.3832



54.8548, 0.3126, 0.2795

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.



68.6299, 0.3451, 0.3021



68.6299, 0.3122, 0.3832



68.6299, 0.2776, 0.2725

Square

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



68.6299, 0.3122, 0.3832



68.6299, 0.2480, 0.2948



68.6299, 0.3102, 0.2818



68.6299, 0.3820, 0.3575

Rectangle

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



68.6299, 0.3122, 0.3832



68.6299, 0.2627, 0.3357



68.6299, 0.3102, 0.2818



68.6299, 0.3646, 0.3196

Sweetspot

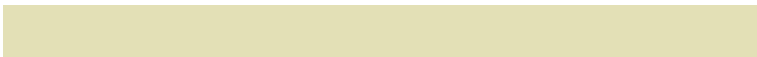
The Sweet Spot groups the original color and five complimentary colors.



68.6328, 0.3122, 0.3832



96.4433, 0.3126, 0.3441



73.0277, 0.3431, 0.3752



20.5635, 0.3126, 0.3458



0.0000, 0.0000, 0.0000



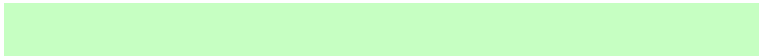
21.4041, 0.3127, 0.3290

Same Dimension

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



68.6328, 0.3122, 0.3832



87.3903, 0.3120, 0.3967



69.1305, 0.2982, 0.3593



16.1344, 0.3126, 0.3532



32.1168, 0.3015, 0.5988



2.3894, 0.3056, 0.5956

Inverse Universe

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



54.8548, 0.3126, 0.2795



66.2161, 0.3125, 0.2685



54.3171, 0.3305, 0.3005



14.5642, 0.3127, 0.3058



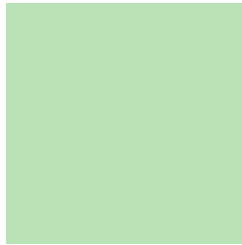
11.4186, 0.3045, 0.1451



0.8585, 0.3070, 0.1465

Previews

White Background



This preview shows how the Yxy color 68.6299, 0.3122, 0.3832 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 68.6299, 0.3122, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

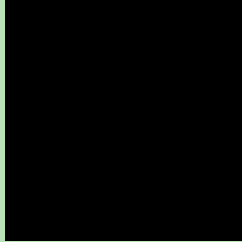
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

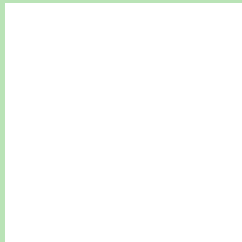
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.6299, 0.3122, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 68.6299, 0.3122, 0.3832.

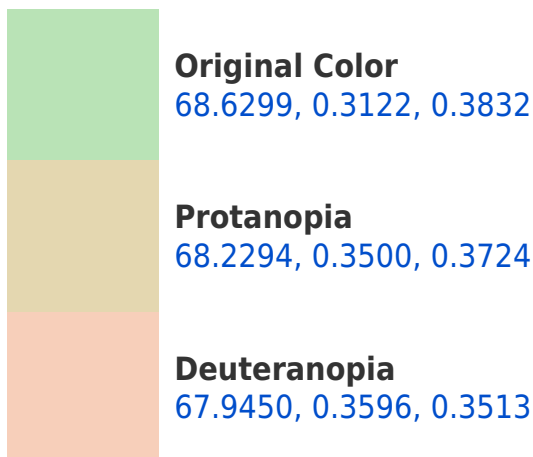


This preview shows how white text looks on a background with the Yxy color 68.6299, 0.3122, 0.3832.

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

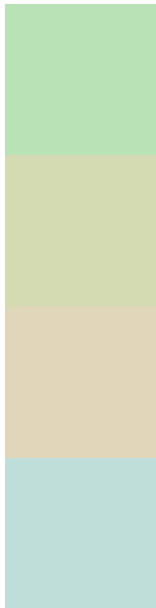




Tritanopia

68.2468, 0.2843, 0.3087

Trichromacy



Original Color

68.6299, 0.3122, 0.3832

Protanomaly

67.8744, 0.3354, 0.3762

Deuteranomaly

67.4432, 0.3406, 0.3615

Tritanomaly

68.3287, 0.2946, 0.3347

Monochromacy



Original Color

68.6299, 0.3122, 0.3832

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.5146, 0.3125, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6299, 0.3122, 0.3832 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(185, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(185, 227, 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(185, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 227, 182) }
```

Border

The CSS property to change the border of an element to Yxy 68.6299, 0.3122, 0.3832 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(185, 227, 182) }
```

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

```
.border{ border-color:rgb(185, 227, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 227, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(185, 227,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6299, 0.3122, 0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 227, 182) }
```

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

```
.background{ background-color: rgb(185,  
227, 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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