

Converting Colors

$Yxy(68.0300, 0.3384, 0.4138)$

Have a look what the booklet for
Yxy(68.0300, 0.3384, 0.4138)
contains.

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Color

Yxy(67.9193, 0.3381, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	C4E19A
RGB	196, 225, 154
RGB Percent	77%, 88%, 60%
CMY	0.2315, 0.1176, 0.3959
CMYK	0.13, 0.00, 0.32, 0.12
HSL	85°, 54%, 74%
HSV	85°, 32%, 88%
XYZ	55.5211, 67.9193, 40.7746
YIQ	208.2350, 5.5070, -28.2290

Conversions

Conversions Part 2

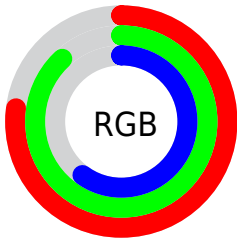
Format	Color
RYB	154, 225, 183
Decimal	12902810
CIELab	85.97, -21.54, 31.65
CIELCh	86, 38.281, 124.243
Yxy	67.9193, 0.3381, 0.4136
Android (android.graphics.Color)	4291092890 (0xFFC4E19A)
YUV	208.2350, -26.7379, -10.7301
Hunter-Lab	82.4132, -23.9691, 28.3550

Details

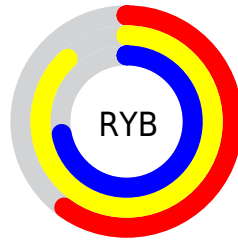
The Yxy color **67.9193, 0.3381, 0.4136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6402, 0.2799, 0.2420**, and the grayscale version is **63.4123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0061, 0.3386, 0.3742**, and **35.3715, 0.3424, 0.4363** is the 20% darker color. If you saturate the color by 10%, you get **66.0445, 0.3451, 0.4425**, and if you desaturate by 10%, it is **70.0164, 0.3303, 0.3852**.

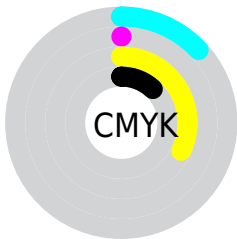
Distribution



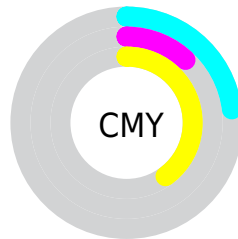
- Red (77%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (72%)



- Cyan (13%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)





- Cyan (23%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9193, 0.3381, 0.4136 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 67.9193, 0.3381, 0.4136 by changing the saturation by 10% instead.


 67.9193, 0.3381,
0.4136

 67.9193, 0.3381,
0.4136


453.2100, 0.3272,
0.3726

 49.8321, 0.3403,
0.4233


 116.2367, 0.3346,
0.3991

 35.2800, 0.3428,
0.4355


 147.2357, 0.3331,
0.3935

 23.8786, 0.3456,
0.4513


183.3073, 0.3318,
0.3887

 15.2436, 0.3487,
0.4721

224.8361, 0.3307,
0.3846

 8.9905, 0.3515,
0.5009

272.2063, 0.3297,
0.3811

 4.7350, 0.3524,
0.5424


325.8025, 0.3288,

 2.0926, 0.3634,


0.3779


0.6366


386.0089, 0.3280,
0.3751


 0.6605, 0.1337,
0.8663


 0.0000, 0.0000,
0.0000


 67.9193, 0.3381,
0.4136


 67.9193, 0.3381,
0.4136

 66.0445, 0.3451,
0.4425


 70.0164, 0.3303,
0.3852


 64.3737, 0.3508,
0.4709


 72.3354, 0.3222,
0.3581


 62.9000, 0.3547,
0.4974

 74.8873, 0.3140,
0.3327

 61.6123, 0.3565,
0.5207


 77.6796, 0.3059,
0.3094


 60.4980, 0.3559,
0.5396

 79.9532, 0.3053,
0.2991

 59.5423, 0.3529,
0.5532

 81.6235, 0.3115,
0.2997

 58.8376, 0.3490,
0.5611

 82.3351, 0.3141,
0.2999

Harmonies

Analogous

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



67.9193, 0.3798, 0.4074



67.9193, 0.3381, 0.4136



67.9193, 0.2915, 0.3919

Triad

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



67.9193, 0.3381, 0.4136



67.9193, 0.2282, 0.2696



67.9193, 0.3746, 0.3070

Complementary

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



67.9193, 0.3381, 0.4136



38.6402, 0.2799, 0.2420

Split Complementary

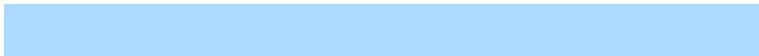
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9193, 0.3293, 0.2762



67.9193, 0.3381, 0.4136



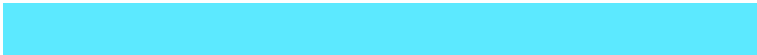
67.9193, 0.2464, 0.2543

Square

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



67.9193, 0.3381, 0.4136



67.9193, 0.2302, 0.3031



67.9193, 0.2823, 0.2573



67.9193, 0.4029, 0.3441

Rectangle

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



67.9193, 0.3381, 0.4136



67.9193, 0.2640, 0.3645



67.9193, 0.2823, 0.2573



67.9193, 0.3607, 0.2957

Sweetspot

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



67.9223, 0.3381, 0.4136



96.8715, 0.3201, 0.3516



51.9764, 0.3743, 0.3623



20.6314, 0.3214, 0.3554



0.0000, 0.0000, 0.0000



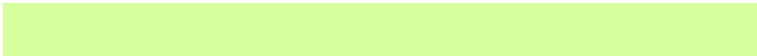
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9223, 0.3381, 0.4136



88.4930, 0.3429, 0.4331



63.7817, 0.3131, 0.4205



15.7354, 0.3205, 0.3526



33.9719, 0.3500, 0.5603



2.4067, 0.3605, 0.5520

Inverse Universe

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



38.6402, 0.2799, 0.2420



43.6790, 0.2711, 0.2213



43.4551, 0.3101, 0.2493



13.5157, 0.3044, 0.3052



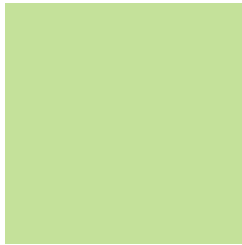
4.5098, 0.1863, 0.0800



0.3640, 0.2037, 0.0896

Previews

White Background



This preview shows how the Yxy color 67.9193, 0.3381, 0.4136 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 67.9193, 0.3381, 0.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

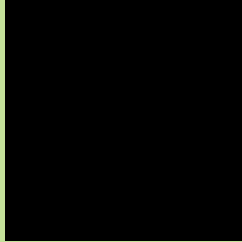
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9193, 0.3381, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 67.9193, 0.3381, 0.4136.

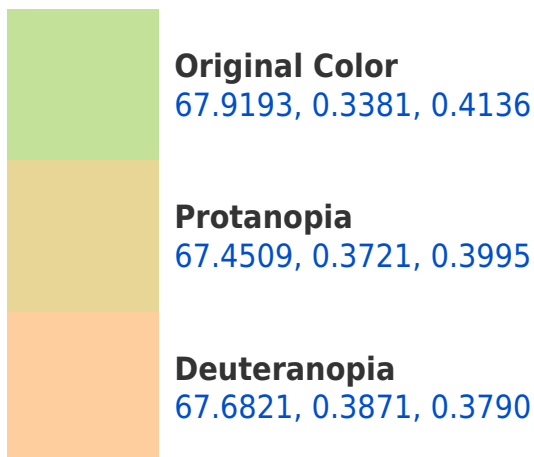


This preview shows how white text looks on a background with the Yxy color 67.9193, 0.3381, 0.4136.

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

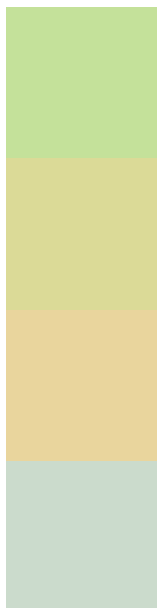




Tritanopia

67.6925, 0.2959, 0.3101

Trichromacy



Original Color

67.9193, 0.3381, 0.4136

Protanomaly

67.4372, 0.3597, 0.4052

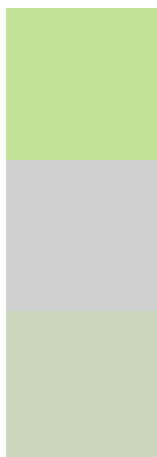
Deuteranomaly

67.3465, 0.3683, 0.3907

Tritanomaly

67.7192, 0.3112, 0.3463

Monochromacy



Original Color

67.9193, 0.3381, 0.4136

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.5613, 0.3231, 0.3595

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9193, 0.3381, 0.4136 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(196, 225, 154)` looks like.

```
.text, #text, p{  
    color:rgb(196, 225, 154)  
}
```

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(196, 225, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 225, 154) }
```

Border

The CSS property to change the border of an element to Yxy 67.9193, 0.3381, 0.4136 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(196, 225, 154) }
```

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

```
.border{ border-color:rgb(196, 225, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 225, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 225, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 225, 154);  
box-shadow:4px 4px 4px 4px rgb(196, 225,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9193, 0.3381, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 225, 154) }
```

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

```
.background{ background-color: rgb(196,  
225, 154) }
```

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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