

Converting Colors

Yxy(81.1288, 0.3330, 0.4245)

Have a look what the booklet for
Yxy(81.1288, 0.3330, 0.4245)
contains.

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Color

Yxy(80.9377, 0.3329, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	C9F6A2
RGB	201, 246, 162
RGB Percent	79%, 96%, 64%
CMY	0.2117, 0.0353, 0.3649
CMYK	0.18, 0.00, 0.34, 0.04
HSL	92°, 82%, 80%
HSV	92°, 34%, 96%
XYZ	63.5625, 80.9377, 46.4356
YIQ	222.9690, 0.1440, -35.6640

Conversions

Conversions Part 2

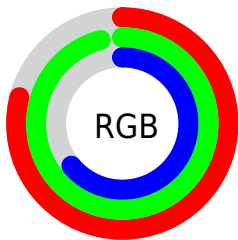
Format	Color
R _Y B	162, 246, 207
Decimal	13235874
CIE Lab	92.10, -28.72, 35.84
CIE LCh	92, 45.931, 128.705
Yxy	80.9377, 0.3329, 0.4239
Android (android.graphics.Color)	4291425954 (0xFFC9F6A2)
YUV	222.9690, -30.0577, -19.2668
Hunter-Lab	89.9654, -31.3252, 32.3733

Details

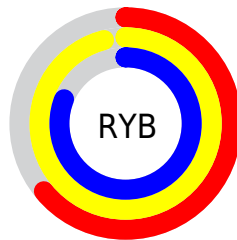
The Yxy color **80.9377, 0.3329, 0.4239** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.7415, 0.2847, 0.2356**, and the grayscale version is **73.9863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **44.0420, 0.3360, 0.4480** is the 20% darker color. If you saturate the color by 10%, you get **78.4024, 0.3374, 0.4546**, and if you desaturate by 10%, it is **83.8078, 0.3275, 0.3939**.

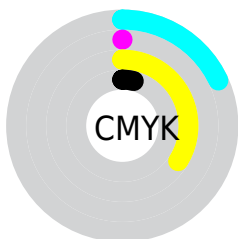
Distribution



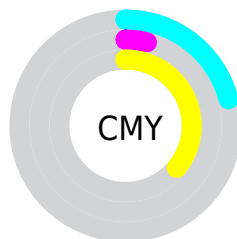
- Red (79%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.9377, 0.3329, 0.4239 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 80.9377, 0.3329, 0.4239 by changing the saturation by 10% instead.


 80.9377, 0.3329,
0.4239

 80.9377, 0.3329,
0.4239


498.0874, 0.3251,
0.3790

 60.4903, 0.3343,
0.4343


 134.6833, 0.3305,
0.4082

 43.8139, 0.3357,
0.4472


 168.7503, 0.3295,
0.4021

 30.5243, 0.3371,
0.4635


208.1259, 0.3286,
0.3969

 20.2369, 0.3383,
0.4847

253.1945, 0.3277,
0.3924

 12.5673, 0.3386,
0.5134

304.3406, 0.3270,
0.3884

 7.1313, 0.3363,
0.5534


361.9485, 0.3263,


 3.5443, 0.3382,

0.3849

0.6334


426.4026, 0.3257,
0.3818


 1.4221, 0.2870,
0.7130


 0.2329, 0.0000,
1.0000


 80.9377, 0.3329,
0.4239

 80.9377, 0.3329,
0.4239


 78.4024, 0.3374,
0.4546


 83.8078, 0.3275,
0.3939

 76.1773, 0.3406,
0.4848

 87.0150, 0.3215,
0.3656

 74.2508, 0.3421,
0.5129

 90.5750, 0.3153,
0.3393

 72.6062, 0.3415,
0.5374

 94.1492, 0.3123,
0.3204

■ 71.2247, 0.3387,
0.5567

■ 94.3959, 0.3131,
0.3204

■ 70.0838, 0.3340,
0.5701

■ 69.5122, 0.3307,
0.5756

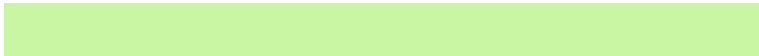
Harmonies

Analogous

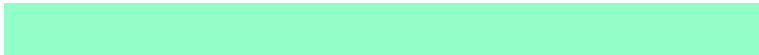
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9377, 0.3818, 0.4202



80.9377, 0.3329, 0.4239



80.9377, 0.2810, 0.3947

Triad

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



80.9377, 0.3329, 0.4239



80.9377, 0.2198, 0.2580



80.9377, 0.3892, 0.3098

Complementary

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



80.9377, 0.3329, 0.4239



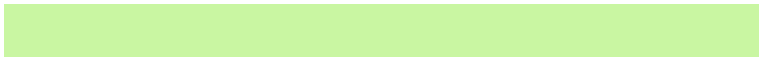
45.7415, 0.2847, 0.2356

Split Complementary

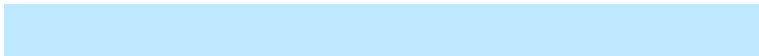
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9377, 0.3394, 0.2743



80.9377, 0.3329, 0.4239



80.9377, 0.2431, 0.2446

Square

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



80.9377, 0.3329, 0.4239



80.9377, 0.2185, 0.2923



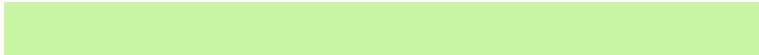
80.9377, 0.2855, 0.2511



80.9377, 0.4171, 0.3513

Rectangle

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



80.9377, 0.3329, 0.4239



80.9377, 0.2516, 0.3614



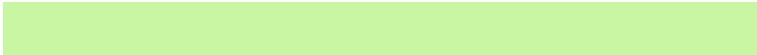
80.9377, 0.2855, 0.2511



80.9377, 0.3742, 0.2970

Sweetspot

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



80.9412, 0.3329, 0.4239



95.9668, 0.3189, 0.3544



66.7233, 0.3773, 0.3769



20.4263, 0.3198, 0.3581



0.0000, 0.0000, 0.0000



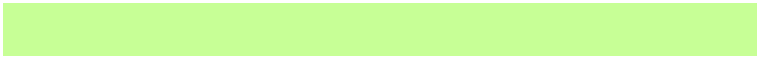
21.4041, 0.3127, 0.3290

Same Dimension

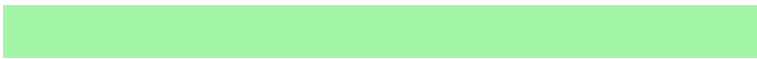
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9412, 0.3329, 0.4239



85.8811, 0.3362, 0.4451



76.3012, 0.3064, 0.4280



18.8492, 0.3186, 0.3530



37.1821, 0.3319, 0.5747



3.3284, 0.3415, 0.5670

Inverse Universe

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



45.7415, 0.2847, 0.2356



42.3603, 0.2774, 0.2152



51.9046, 0.3190, 0.2466



16.3636, 0.3063, 0.3051



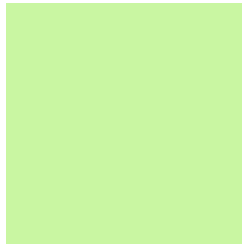
6.2424, 0.2094, 0.0927



0.6098, 0.2224, 0.0999

Previews

White Background



This preview shows how the Yxy color 80.9377, 0.3329, 0.4239 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 80.9377, 0.3329, 0.4239 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 80.9377, 0.3329, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 80.9377, 0.3329, 0.4239.

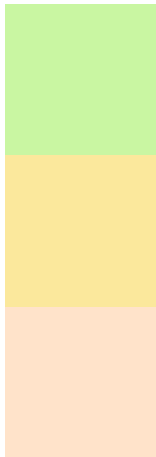


This preview shows how white text looks on a background with the Yxy color 80.9377, 0.3329, 0.4239.

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

80.9377, 0.3329, 0.4239

Protanopia

80.6228, 0.3763, 0.4065

Deuteranopia

80.4624, 0.3496, 0.3544



Tritanopia

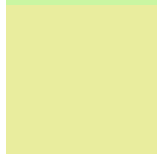
80.9556, 0.2891, 0.3102

Trichromacy



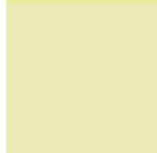
Original Color

80.9377, 0.3329, 0.4239



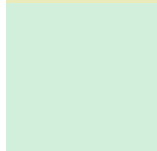
Protanomaly

80.3606, 0.3600, 0.4130



Deuteranomaly

80.0957, 0.3437, 0.3789



Tritanomaly

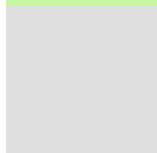
80.6019, 0.3052, 0.3496

Monochromacy



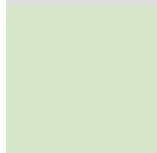
Original Color

80.9377, 0.3329, 0.4239



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.8159, 0.3208, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9377, 0.3329, 0.4239 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(201, 246, 162)` looks like.

```
.text, #text, p{  
    color:rgb(201, 246, 162)  
}
```

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(201, 246, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 246, 162) }
```

Border

The CSS property to change the border of an element to Yxy 80.9377, 0.3329, 0.4239 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(201, 246, 162) }
```

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

```
.border{ border-color:rgb(201, 246, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 246, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 246, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 246, 162);  
box-shadow:4px 4px 4px 4px rgb(201, 246,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9377, 0.3329, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 246, 162) }
```

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

```
.background{ background-color: rgb(201,  
246, 162) }
```

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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