

Converting Colors

$Yxy(91.1359, 0.3397, 0.4353)$

Have a look what the booklet for
Yxy(91.1359, 0.3397, 0.4353)
contains.

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Color

Yxy(88.3542, 0.3410, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFA0
RGB	214, 255, 160
RGB Percent	84%, 100%, 63%
CMY	0.1607, 0.0000, 0.3727
CMYK	0.16, 0.00, 0.37, 0.00
HSL	86°, 100%, 81%
HSV	86°, 37%, 100%
XYZ	69.8396, 88.3542, 46.6143
YIQ	231.9110, 6.0590, -38.2370

Conversions

Conversions Part 2

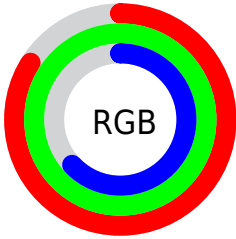
Format	Color
RYB	160, 255, 201
Decimal	14090144
CIELab	95.31, -28.60, 41.18
CIELCh	95, 50.133, 124.778
Yxy	88.3542, 0.3410, 0.4314
Android (android.graphics.Color)	4292280224 (0xFFD6FFA0)
YUV	231.9110, -35.4521, -15.7079
Hunter-Lab	93.9969, -31.8694, 36.3951

Details

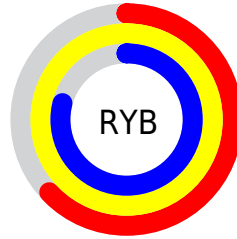
The Yxy color **88.3542, 0.3410, 0.4314** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **44.7595, 0.2737, 0.2240**, and the grayscale version is **80.8952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **48.7188, 0.3452, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **85.9551, 0.3469, 0.4607**, and if you desaturate by 10%, it is **91.0533, 0.3340, 0.4021**.

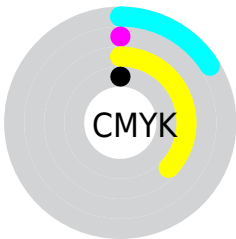
Distribution



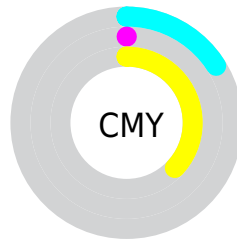
- Red (84%)
- Green (100%)
- Blue (63%)



- Red (63%)
- Yellow (100%)
- Blue (79%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)




- Cyan (16%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3542, 0.3410, 0.4314 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 88.3542, 0.3410, 0.4314 by changing the saturation by 10% instead.

 88.3542, 0.3410,
0.4314

 88.3542, 0.3410,
0.4314


522.6625, 0.3300,
0.3839

 66.6164, 0.3430,
0.4421


 145.0502, 0.3376,
0.4150

 48.7730, 0.3451,
0.4553

 180.7772, 0.3362,
0.4086

 34.4394, 0.3473,
0.4717


221.9361, 0.3349,
0.4030

 23.2314, 0.3494,
0.4928

268.9112, 0.3337,
0.3982

 14.7645, 0.3508,
0.5203

322.0871, 0.3326,
0.3940

 8.6542, 0.3498,
0.5575

381.8479, 0.3317,

 4.5164, 0.3513,

0.3902

0.6249

448.5783, 0.3308,
0.3869

■ 1.9664, 0.3175,
0.6825

■ 0.5878, 0.0000,
1.0000

■ 88.3542, 0.3410,
0.4314

■ 88.3542, 0.3410,
0.4314

■ 85.9551, 0.3469,
0.4607

■ 91.0533, 0.3340,
0.4021

■ 83.8345, 0.3513,
0.4886

■ 94.0568, 0.3264,
0.3738

■ 81.9805, 0.3536,
0.5139

■ 97.3791, 0.3185,
0.3472

■ 80.3764, 0.3536,
0.5351

100.0000, 0.3127,
0.3290

■ 79.0031, 0.3512,
0.5512

■ 77.8365, 0.3466,
0.5618

■ 77.5446, 0.3452,
0.5641

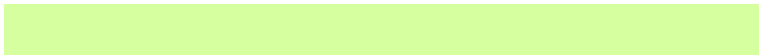
Harmonies

Analogous

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



88.3542, 0.3912, 0.4226



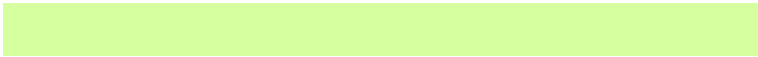
88.3542, 0.3410, 0.4314



88.3542, 0.2857, 0.4049

Triad

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



88.3542, 0.3410, 0.4314



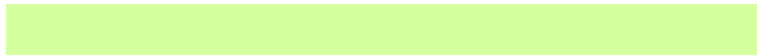
88.3542, 0.2133, 0.2573



88.3542, 0.3878, 0.3032

Complementary

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



88.3542, 0.3410, 0.4314



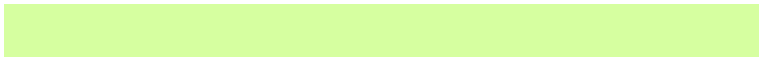
44.7595, 0.2737, 0.2240

Split Complementary

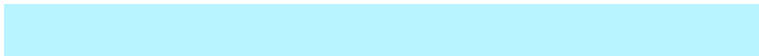
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3542, 0.3332, 0.2673



88.3542, 0.3410, 0.4314



88.3542, 0.2348, 0.2407

Square

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



88.3542, 0.3410, 0.4314



88.3542, 0.2150, 0.2960



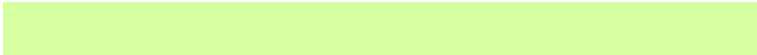
88.3542, 0.2770, 0.2450



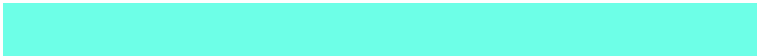
88.3542, 0.4214, 0.3463

Rectangle

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



88.3542, 0.3410, 0.4314



88.3542, 0.2535, 0.3708



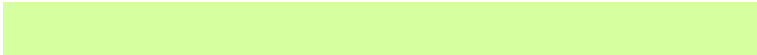
88.3542, 0.2770, 0.2450



88.3542, 0.3710, 0.2901

Sweetspot

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



88.3568, 0.3410, 0.4314



96.1012, 0.3214, 0.3569



64.9037, 0.3889, 0.3704



20.4727, 0.3225, 0.3605



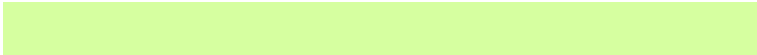
0.0000, 0.0000, 0.0000



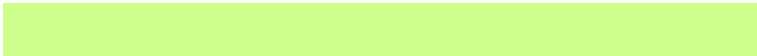
21.4041, 0.3127, 0.3290

Same Dimension

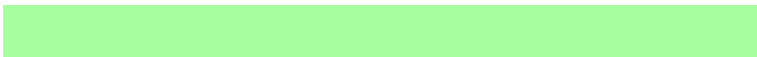
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3568, 0.3410, 0.4314



86.4746, 0.3457, 0.4541



82.3692, 0.3119, 0.4413



20.6780, 0.3202, 0.3530



40.6086, 0.3463, 0.5632



4.0185, 0.3543, 0.5569

Inverse Universe

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



44.7595, 0.2737, 0.2240



36.9612, 0.2632, 0.2000



52.1389, 0.3106, 0.2347



17.7607, 0.3047, 0.3049



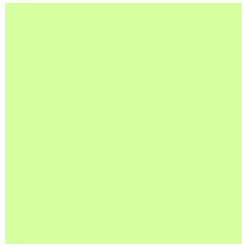
5.5871, 0.1894, 0.0817



0.6070, 0.2020, 0.0886

Previews

White Background



This preview shows how the Yxy color 88.3542, 0.3410, 0.4314 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 88.3542, 0.3410, 0.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

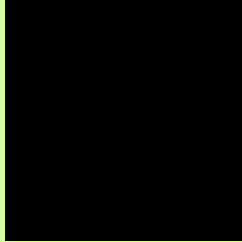
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.3542, 0.3410, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 88.3542, 0.3410, 0.4314.

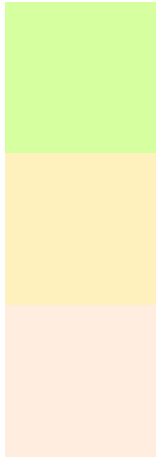


This preview shows how white text looks on a background with the Yxy color 88.3542, 0.3410, 0.4314.

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

88.3542, 0.3410, 0.4314

Protanopia

87.8883, 0.3546, 0.3801

Deuteranopia

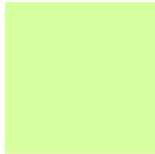
87.7368, 0.3337, 0.3439



Tritanopia

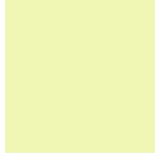
88.0479, 0.2993, 0.3160

Trichromacy



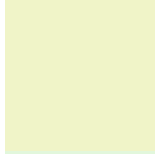
Original Color

88.3542, 0.3410, 0.4314



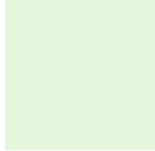
Protanomaly

87.6915, 0.3498, 0.3982



Deuteranomaly

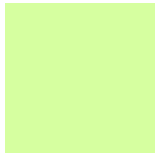
87.3968, 0.3371, 0.3743



Tritanomaly

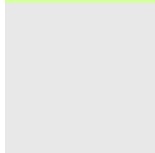
87.8576, 0.3152, 0.3572

Monochromacy



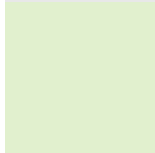
Original Color

88.3542, 0.3410, 0.4314



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.7840, 0.3236, 0.3653

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3542, 0.3410, 0.4314 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(214, 255, 160)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 160)  
}
```

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(214, 255, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 160) }
```

Border

The CSS property to change the border of an element to Yxy 88.3542, 0.3410, 0.4314 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(214, 255, 160) }
```

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

```
.border{ border-color:rgb(214, 255, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 160);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3542, 0.3410, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 160) }
```

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

```
.background{ background-color: rgb(214,  
255, 160) }
```

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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