

Converting Colors

Yxy(84.6675, 0.3351, 0.4548)

Have a look what the booklet for
Yxy(84.6675, 0.3351, 0.4548)
contains.

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Color

Yxy(84.7096, 0.3354, 0.4549)

Conversions

Conversions Part 1

Format	Color
Hex	C0FF8F
RGB	192, 255, 143
RGB Percent	75%, 100%, 56%
CMY	0.2471, 0.0000, 0.4392
CMYK	0.25, 0.00, 0.44, 0.00
HSL	94°, 100%, 78%
HSV	94°, 44%, 100%
XYZ	62.4568, 84.7096, 39.0495
YIQ	223.3950, -1.5960, -48.1880

Conversions

Conversions Part 2

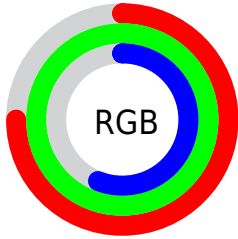
Format	Color
RYB	143, 255, 206
Decimal	12648335
CIELab	93.76, -38.40, 47.14
CIElCh	94, 60.802, 129.165
Yxy	84.7096, 0.3354, 0.4549
Android (android.graphics.Color)	4290838415 (0xFFC0FF8F)
YUV	223.3950, -39.6347, -27.5334
Hunter-Lab	92.0378, -39.9362, 39.2711

Details

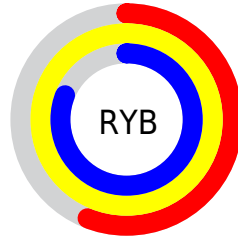
The Yxy color **84.7096, 0.3354, 0.4549** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.9926, 0.2766, 0.2074**, and the grayscale version is **74.3764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9212, 0.3432, 0.3856**, and **46.3606, 0.3372, 0.4856** is the 20% darker color. If you saturate the color by 10%, you get **82.2407, 0.3382, 0.4856**, and if you desaturate by 10%, it is **87.5377, 0.3313, 0.4238**.

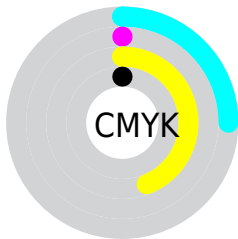
Distribution



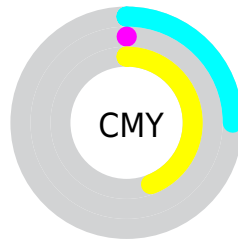
- Red (75%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.7096, 0.3354, 0.4549 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 84.7096, 0.3354, 0.4549 by changing the saturation by 10% instead.


 84.7096, 0.3354,
0.4549


 84.7096, 0.3354,
0.4549

510.6667, 0.3278,
0.3954

 63.6015, 0.3363,
0.4685

 139.9674, 0.3334,
0.4342

 46.3280, 0.3371,
0.4853


 174.8858, 0.3324,
0.4261

 32.5047, 0.3373,
0.5063


215.1764, 0.3315,
0.4192

 21.7473, 0.3363,
0.5332

261.2237, 0.3306,
0.4132

 13.6713, 0.3328,
0.5684

313.4119, 0.3298,
0.4079

 7.8924, 0.3239,
0.6158

372.1256, 0.3291,

 4.0262, 0.3075,

0.4033

437.7490, 0.3284,
0.3991

0.6925

1.6882, 0.2321,
0.7679

0.4160, 0.0000,
1.0000

84.7096, 0.3354,
0.4549

84.7096, 0.3354,
0.4549

82.2407, 0.3382,
0.4856

87.5377, 0.3313,
0.4238

80.1122, 0.3393,
0.5143

90.7394, 0.3263,
0.3936

78.3057, 0.3385,
0.5393

94.3300, 0.3207,
0.3650

76.7996, 0.3355,
0.5590

98.3234, 0.3150,
0.3387

■ 75.5687, 0.3307,
0.5727

100.0000, 0.3127,
0.3290

■ 74.9351, 0.3272,
0.5784

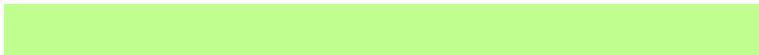
Harmonies

Analogous

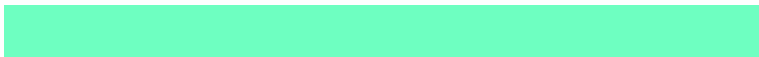
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7096, 0.3988, 0.4464



84.7096, 0.3354, 0.4549



84.7096, 0.2693, 0.4160

Triad

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



84.7096, 0.3354, 0.4549



84.7096, 0.1957, 0.2370



84.7096, 0.4134, 0.3039

Complementary

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



84.7096, 0.3354, 0.4549



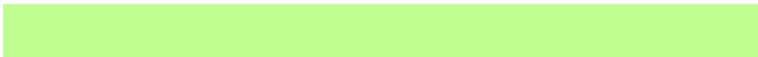
39.9926, 0.2766, 0.2074

Split Complementary

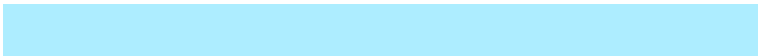
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7096, 0.3477, 0.2603



84.7096, 0.3354, 0.4549



84.7096, 0.2245, 0.2223

Square

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



84.7096, 0.3354, 0.4549



84.7096, 0.1933, 0.2786



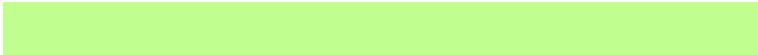
84.7096, 0.2778, 0.2313



84.7096, 0.4489, 0.3552

Rectangle

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



84.7096, 0.3354, 0.4549



84.7096, 0.2328, 0.3700



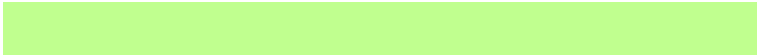
84.7096, 0.2778, 0.2313



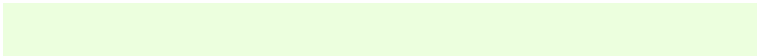
84.7096, 0.3936, 0.2882

Sweetspot

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



84.7101, 0.3354, 0.4549



94.6789, 0.3202, 0.3625



66.7180, 0.3998, 0.3926



20.0865, 0.3215, 0.3686



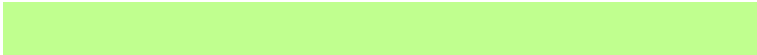
0.0000, 0.0000, 0.0000



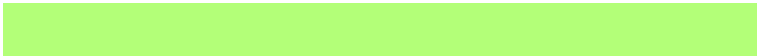
21.4041, 0.3127, 0.3290

Same Dimension

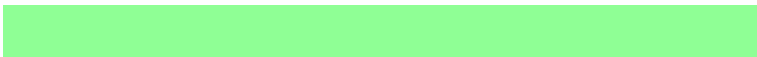
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7101, 0.3354, 0.4549



82.4525, 0.3380, 0.4828



79.5184, 0.3036, 0.4600



20.5568, 0.3182, 0.3531



39.2399, 0.3284, 0.5775



3.8839, 0.3371, 0.5705

Inverse Universe

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



39.9926, 0.2766, 0.2074



32.3366, 0.2665, 0.1815



47.7735, 0.3225, 0.2258



17.8818, 0.3068, 0.3051



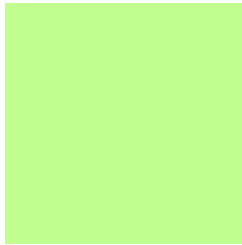
6.9351, 0.2148, 0.0957



0.7399, 0.2263, 0.1021

Previews

White Background



This preview shows how the Yxy color 84.7096, 0.3354, 0.4549 looks on a white background.

Color Contrast Check

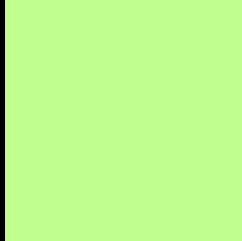
Large Text (above 18pt) WCAG AA × Fail

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 84.7096, 0.3354, 0.4549 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

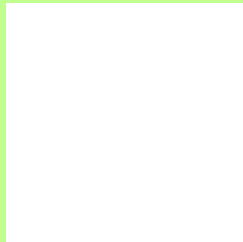
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.7096, 0.3354, 0.4549

Background



This preview shows how black text looks on a background with the Yxy color 84.7096, 0.3354, 0.4549.

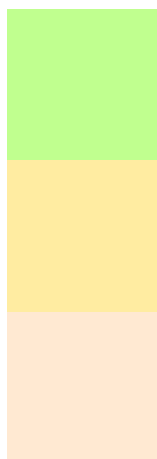


This preview shows how white text looks on a background with the Yxy color 84.7096, 0.3354, 0.4549.

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

84.7096, 0.3354, 0.4549

Protanopia

83.8241, 0.3747, 0.4044

Deuteranopia

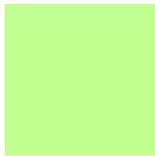
84.1910, 0.3430, 0.3521



Tritanopia

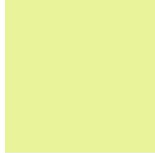
84.1391, 0.2888, 0.3134

Trichromacy



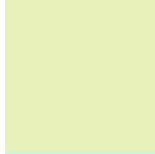
Original Color

84.7096, 0.3354, 0.4549



Protanomaly

83.5901, 0.3599, 0.4228



Deuteranomaly

83.6116, 0.3408, 0.3872



Tritanomaly

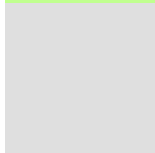
83.4253, 0.3067, 0.3628

Monochromacy



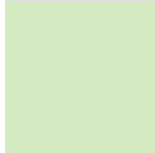
Original Color

84.7096, 0.3354, 0.4549



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

77.3088, 0.3227, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.7096, 0.3354, 0.4549 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(192, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 143)  
}
```

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(192, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 143) }
```

Border

The CSS property to change the border of an element to Yxy 84.7096, 0.3354, 0.4549 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(192, 255, 143) }
```

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

```
.border{ border-color:rgb(192, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 84.7096, 0.3354, 0.4549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 143) }
```

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

```
.background{ background-color: rgb(192,  
255, 143) }
```

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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