

Converting Colors

$Yxy(82.4770, 0.3450, 0.4448)$

Have a look what the booklet for
Yxy(82.4770, 0.3450, 0.4448)
contains.

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Color

Yxy(82.7441, 0.3449, 0.4453)

Conversions

Conversions Part 1

Format	Color
Hex	CDF990
RGB	205, 249, 144
RGB Percent	80%, 98%, 56%
CMY	0.1961, 0.0235, 0.4352
CMYK	0.18, 0.00, 0.42, 0.02
HSL	85°, 90%, 77%
HSV	85°, 42%, 98%
XYZ	64.0881, 82.7441, 38.9843
YIQ	223.8740, 7.4810, -41.9830

Conversions

Conversions Part 2

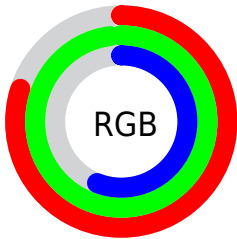
Format	Color
RYB	144, 249, 188
Decimal	13498768
CIELab	92.90, -30.96, 45.75
CIELCh	93, 55.238, 124.090
Yxy	82.7441, 0.3449, 0.4453
Android (android.graphics.Color)	4291688848 (0xFFC9DF99)
YUV	223.8740, -39.3779, -16.5525
Hunter-Lab	90.9638, -33.4253, 38.2648

Details

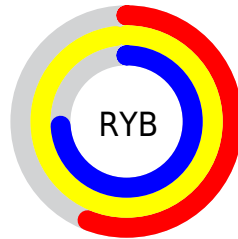
The Yxy color **82.7441, 0.3449, 0.4453** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.4847, 0.2662, 0.2087**, and the grayscale version is **74.7325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **44.8442, 0.3496, 0.4731** is the 20% darker color. If you saturate the color by 10%, you get **80.6333, 0.3503, 0.4739**, and if you desaturate by 10%, it is **85.1291, 0.3382, 0.4161**.

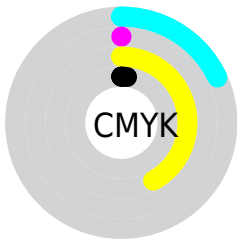
Distribution



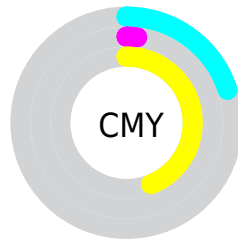
- Red (80%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (74%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (2%)





- Cyan (20%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.7441, 0.3449, 0.4453 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 82.7441, 0.3449, 0.4453 by changing the saturation by 10% instead.


 82.7441, 0.3449,
0.4453


 82.7441, 0.3449,
0.4453


504.1333, 0.3325,
0.3907

 61.9791, 0.3470,
0.4577


 137.2170, 0.3412,
0.4263

 45.0158, 0.3492,
0.4730


 171.6936, 0.3396,
0.4189

 31.4699, 0.3513,
0.4921


211.5096, 0.3381,
0.4126

 20.9569, 0.3528,
0.5164


257.0493, 0.3368,
0.4070

 13.0925, 0.3527,
0.5482

308.6972, 0.3355,
0.4022

 7.4923, 0.3487,
0.5908

366.8375, 0.3344,

 3.7718, 0.3400,

0.3979

0.6600

431.8547, 0.3334,
0.3941

■ 1.5468, 0.2801,
0.7199

■ 0.3213, 0.0000,
1.0000

■ 82.7441, 0.3449,
0.4453

■ 82.7441, 0.3449,
0.4453

■ 80.6333, 0.3503,
0.4739

■ 85.1291, 0.3382,
0.4161

■ 78.7727, 0.3539,
0.5005


■ 87.7894, 0.3306,
0.3874


■ 77.1514, 0.3554,
0.5237

■ 90.7397, 0.3226,
0.3599

■ 75.7530, 0.3543,
0.5423

■ 93.9906, 0.3145,
0.3343

 74.5580, 0.3510,
0.5555

 96.2339, 0.3130,
0.3233

 73.7416, 0.3471,
0.5626

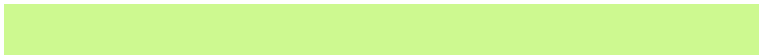
Harmonies

Analogous

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



82.7441, 0.4010, 0.4327



82.7441, 0.3449, 0.4453



82.7441, 0.2831, 0.4167

Triad

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



82.7441, 0.3449, 0.4453



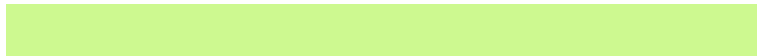
82.7441, 0.2021, 0.2492



82.7441, 0.3961, 0.2987

Complementary

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



82.7441, 0.3449, 0.4453



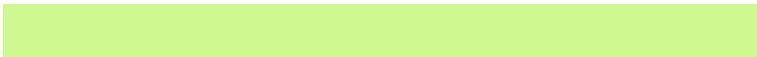
37.4847, 0.2662, 0.2087

Split Complementary

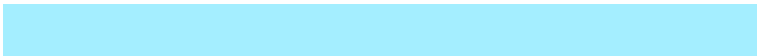
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7441, 0.3338, 0.2597



82.7441, 0.3449, 0.4453



82.7441, 0.2250, 0.2309

Square

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



82.7441, 0.3449, 0.4453



82.7441, 0.2043, 0.2924



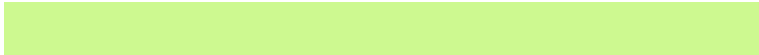
82.7441, 0.2712, 0.2355



82.7441, 0.4346, 0.3460

Rectangle

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



82.7441, 0.3449, 0.4453



82.7441, 0.2472, 0.3778



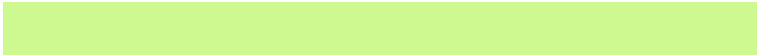
82.7441, 0.2712, 0.2355



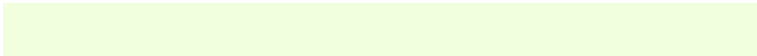
82.7441, 0.3768, 0.2844

Sweetspot

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



82.7477, 0.3449, 0.4453



95.5055, 0.3233, 0.3622



58.0191, 0.4018, 0.3758



20.2903, 0.3250, 0.3681



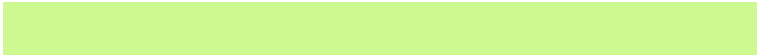
0.0000, 0.0000, 0.0000



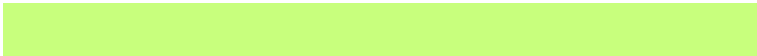
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7477, 0.3449, 0.4453



85.3472, 0.3498, 0.4708



76.5175, 0.3115, 0.4583



19.8072, 0.3204, 0.3529



39.5567, 0.3482, 0.5618



3.7259, 0.3564, 0.5552

Inverse Universe

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



37.4847, 0.2662, 0.2087



31.5124, 0.2534, 0.1812



45.3612, 0.3100, 0.2229



16.9984, 0.3045, 0.3049



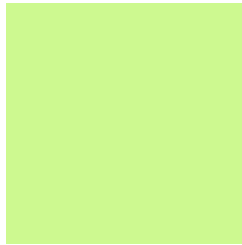
5.3270, 0.1875, 0.0806



0.5541, 0.2007, 0.0879

Previews

White Background



This preview shows how the Yxy color 82.7441, 0.3449, 0.4453 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 82.7441, 0.3449, 0.4453 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 82.7441, 0.3449, 0.4453

Background



This preview shows how black text looks on a background with the Yxy color 82.7441, 0.3449, 0.4453.

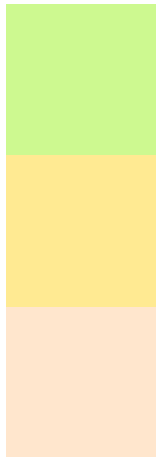


This preview shows how white text looks on a background with the Yxy color 82.7441, 0.3449, 0.4453.

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

82.7441, 0.3449, 0.4453

Protanopia

82.1810, 0.3849, 0.4170

Deuteranopia

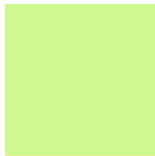
82.2614, 0.3469, 0.3543



Tritanopia

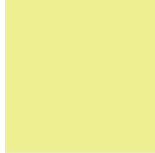
82.4265, 0.2911, 0.3094

Trichromacy



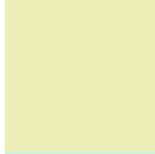
Original Color

82.7441, 0.3449, 0.4453



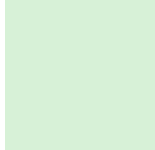
Protanomaly

81.7819, 0.3702, 0.4270



Deuteranomaly

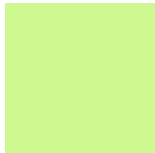
81.9918, 0.3471, 0.3859



Tritanomaly

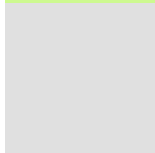
82.2640, 0.3114, 0.3571

Monochromacy



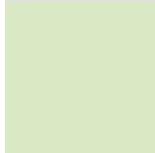
Original Color

82.7441, 0.3449, 0.4453



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.9697, 0.3258, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7441, 0.3449, 0.4453 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(205, 249, 144)` looks like.

```
.text, #text, p{  
    color:rgb(205, 249, 144)  
}
```

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(205, 249, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 249, 144) }
```

Border

The CSS property to change the border of an element to Yxy 82.7441, 0.3449, 0.4453 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(205, 249, 144) }
```

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

```
.border{ border-color:rgb(205, 249, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 249, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 249, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 249, 144);  
box-shadow:4px 4px 4px 4px rgb(205, 249,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7441, 0.3449, 0.4453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 249, 144) }
```

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

```
.background{ background-color: rgb(205,  
249, 144) }
```

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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