

Converting Colors

$Yxy(88.6920, 0.3473, 0.4378)$

Have a look what the booklet for
Yxy(88.6920, 0.3473, 0.4378)
contains.

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Color

Yxy(88.7253, 0.3474, 0.4377)

Conversions

Conversions Part 1

Format	Color
Hex	DAFF99
RGB	218, 255, 153
RGB Percent	85%, 100%, 60%
CMY	0.1452, 0.0000, 0.3999
CMYK	0.15, 0.00, 0.40, 0.00
HSL	82°, 100%, 80%
HSV	82°, 40%, 100%
XYZ	70.4208, 88.7253, 43.5620
YIQ	232.3090, 10.6900, -39.5660

Conversions

Conversions Part 2

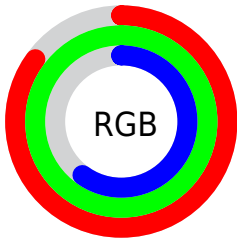
Format	Color
RYB	153, 255, 190
Decimal	14352281
CIELab	95.47, -28.02, 44.81
CIELCh	95, 52.849, 122.016
Yxy	88.7253, 0.3474, 0.4377
Android (android.graphics.Color)	4292542361 (0xFFDAFF99)
YUV	232.3090, -39.0993, -12.5490
Hunter-Lab	94.1941, -31.3907, 38.5160

Details

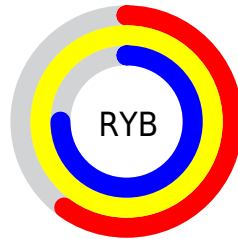
The Yxy color **88.7253, 0.3474, 0.4377** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.9647, 0.2647, 0.2139**, and the grayscale version is **81.2297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **48.9896, 0.3530, 0.4625** is the 20% darker color. If you saturate the color by 10%, you get **86.5813, 0.3541, 0.4657**, and if you desaturate by 10%, it is **91.1254, 0.3394, 0.4091**.

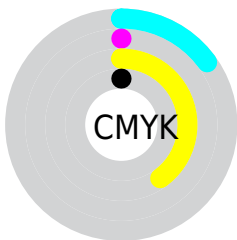
Distribution



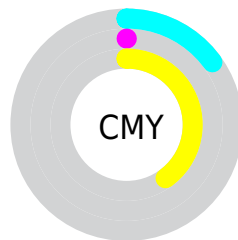
- Red (85%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7253, 0.3474, 0.4377 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 88.7253, 0.3474, 0.4377 by changing the saturation by 10% instead.


 88.7253, 0.3474,
0.4377


 88.7253, 0.3474,
0.4377

523.8755, 0.3338,
0.3875

 66.9239, 0.3498,
0.4490


 145.5665, 0.3432,
0.4204

 49.0228, 0.3525,
0.4627

 181.3751, 0.3414,
0.4136

 34.6376, 0.3553,
0.4797


222.6216, 0.3398,
0.4078

 23.3838, 0.3580,
0.5014

269.6903, 0.3383,
0.4027

 14.8772, 0.3598,
0.5294

322.9656, 0.3370,
0.3982

 8.7332, 0.3590,
0.5663


382.8320, 0.3358,


 4.5676, 0.3630,

0.3942

0.6370


449.6739, 0.3348,
0.3907


 1.9959, 0.3219,
0.6781


 0.6051, 0.0000,
1.0000


 88.7253, 0.3474,
0.4377


 88.7253, 0.3474,
0.4377


 86.5813, 0.3541,
0.4657

 91.1254, 0.3394,
0.4091

 84.6861, 0.3591,
0.4918

 93.7989, 0.3307,
0.3810

 83.0235, 0.3619,
0.5148

 96.7549, 0.3217,
0.3541

 81.5774, 0.3623,
0.5334

100.0000, 0.3127,
0.3290

■ 80.3288, 0.3601,
0.5469

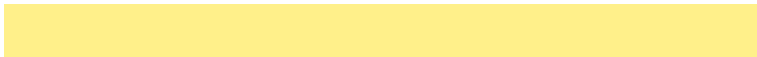
■ 79.2475, 0.3558,
0.5557

■ 79.2464, 0.3558,
0.5557

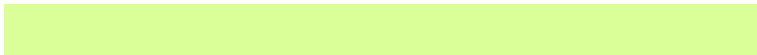
Harmonies

Analogous

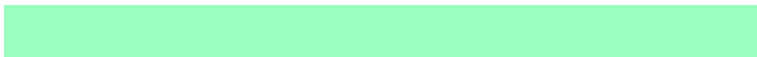
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7253, 0.3990, 0.4247



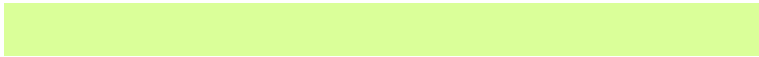
88.7253, 0.3474, 0.4377



88.7253, 0.2892, 0.4134

Triad

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



88.7253, 0.3474, 0.4377



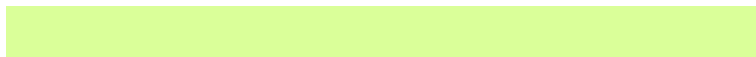
88.7253, 0.2078, 0.2563



88.7253, 0.3871, 0.2979

Complementary

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



88.7253, 0.3474, 0.4377



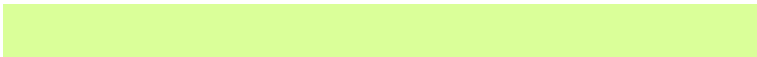
40.9647, 0.2647, 0.2139

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.



88.7253, 0.3284, 0.2616



88.7253, 0.3474, 0.4377



88.7253, 0.2280, 0.2371

Square

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



88.7253, 0.3474, 0.4377



88.7253, 0.2117, 0.2988



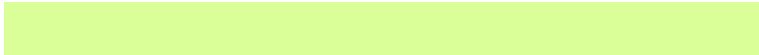
88.7253, 0.2703, 0.2399



88.7253, 0.4252, 0.3424

Rectangle

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



88.7253, 0.3474, 0.4377



88.7253, 0.2546, 0.3786



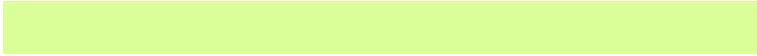
88.7253, 0.2703, 0.2399



88.7253, 0.3688, 0.2845

Sweetspot

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



88.7235, 0.3474, 0.4377



96.1372, 0.3235, 0.3594



59.8349, 0.3990, 0.3666



20.4928, 0.3247, 0.3629



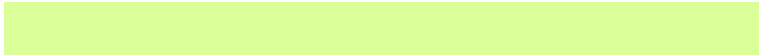
0.0000, 0.0000, 0.0000



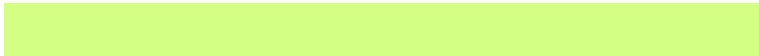
21.4041, 0.3127, 0.3290

Same Dimension

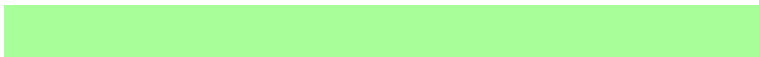
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7235, 0.3474, 0.4377



86.9873, 0.3529, 0.4602



82.1812, 0.3157, 0.4494



20.7418, 0.3213, 0.3529



41.4953, 0.3568, 0.5549



4.1020, 0.3639, 0.5492

Inverse Universe

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



40.9647, 0.2647, 0.2139



33.2368, 0.2523, 0.1884



48.4851, 0.3046, 0.2263



17.6987, 0.3036, 0.3048



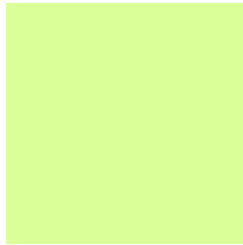
5.0535, 0.1785, 0.0757



0.5512, 0.1909, 0.0825

Previews

White Background



This preview shows how the Yxy color 88.7253, 0.3474, 0.4377 looks on a white background.

Color Contrast Check

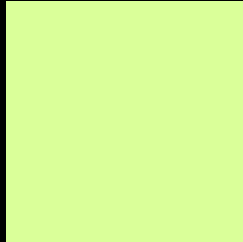
Large Text (above 18pt) WCAG AA × Fail

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 88.7253, 0.3474, 0.4377 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

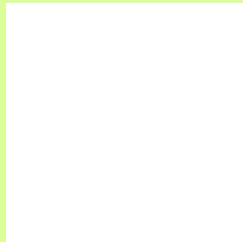
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7253, 0.3474, 0.4377

Background



This preview shows how black text looks on a background with the Yxy color 88.7253, 0.3474, 0.4377.

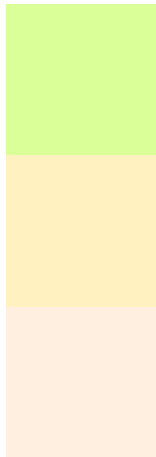


This preview shows how white text looks on a background with the Yxy color 88.7253, 0.3474, 0.4377.

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

88.7253, 0.3474, 0.4377

Protanopia

87.9764, 0.3533, 0.3781

Deuteranopia

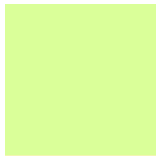
88.3748, 0.3329, 0.3439



Tritanopia

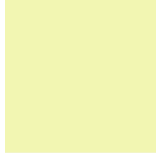
88.5571, 0.3012, 0.3160

Trichromacy



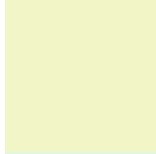
Original Color

88.7253, 0.3474, 0.4377



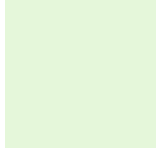
Protanomaly

88.0031, 0.3518, 0.3989



Deuteranomaly

88.2593, 0.3396, 0.3772



Tritanomaly

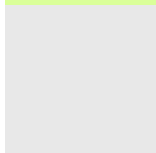
88.2415, 0.3184, 0.3591

Monochromacy



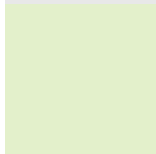
Original Color

88.7253, 0.3474, 0.4377



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.9629, 0.3269, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7253, 0.3474, 0.4377 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(218, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 153)  
}
```

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(218, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 153) }
```

Border

The CSS property to change the border of an element to Yxy 88.7253, 0.3474, 0.4377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

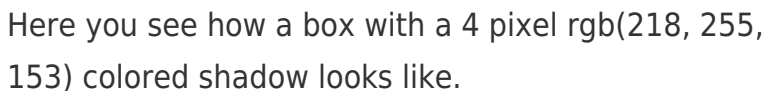
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 255, 153) }
```

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

```
.border{ border-color:rgb(218, 255, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 255, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 255, 153); box-shadow:4px 4px 4px 4px rgb(218, 255, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7253, 0.3474, 0.4377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 153) }
```

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

```
.background{ background-color: rgb(218,  
255, 153) }
```

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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