

Converting Colors

$Yxy(88.5793, 0.3476, 0.4392)$

Have a look what the booklet for
Yxy(88.5793, 0.3476, 0.4392)
contains.

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Color

Yxy(88.5387, 0.3473, 0.4390)

Conversions

Conversions Part 1

Format	Color
Hex	D9FF98
RGB	217, 255, 152
RGB Percent	85%, 100%, 60%
CMY	0.1490, 0.0000, 0.4039
CMYK	0.15, 0.00, 0.40, 0.00
HSL	82°, 100%, 80%
HSV	82°, 40%, 100%
XYZ	70.0444, 88.5387, 43.0996
YIQ	231.8960, 10.4150, -40.0890

Conversions

Conversions Part 2

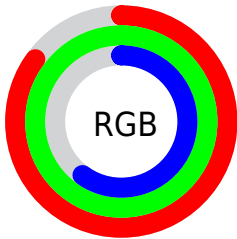
Format	Color
RYB	152, 255, 190
Decimal	14286744
CIELab	95.39, -28.49, 45.20
CIELCh	95, 53.428, 122.223
Yxy	88.5387, 0.3473, 0.4390
Android (android.graphics.Color)	4292476824 (0xFFD9FF98)
YUV	231.8960, -39.3887, -13.0638
Hunter-Lab	94.0950, -31.7907, 38.7091

Details

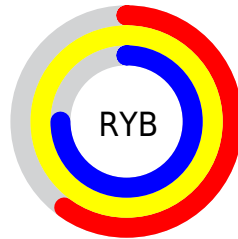
The Yxy color **88.5387, 0.3473, 0.4390** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.6193, 0.2646, 0.2128**, and the grayscale version is **80.9098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **48.8661, 0.3528, 0.4641** is the 20% darker color. If you saturate the color by 10%, you get **86.3920, 0.3539, 0.4670**, and if you desaturate by 10%, it is **90.9500, 0.3395, 0.4104**.

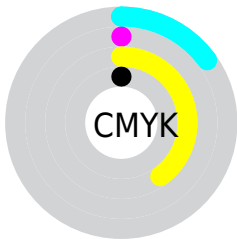
Distribution



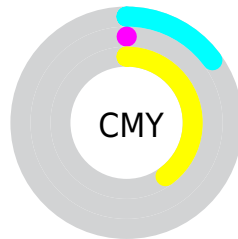
- Red (85%)
- Green (100%)
- Blue (60%)



- 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 88.5387, 0.3473, 0.4390 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 88.5387, 0.3473, 0.4390 by changing the saturation by 10% instead.

 88.5387, 0.3473,
0.4390

 88.5387, 0.3473,
0.4390


523.2658, 0.3338,
0.3881

 66.7693, 0.3497,
0.4504


 145.3069, 0.3431,
0.4215

 48.8972, 0.3523,
0.4643


 181.0745, 0.3414,
0.4146

 34.5379, 0.3550,
0.4816


222.2769, 0.3398,
0.4087

 23.3071, 0.3576,
0.5035

269.2986, 0.3383,
0.4035

 14.8205, 0.3592,
0.5319

322.5240, 0.3370,
0.3990

 8.6935, 0.3580,
0.5692

382.3373, 0.3358,

 4.5418, 0.3606,

0.3949

0.6394

449.1231, 0.3347,
0.3914

■ 1.9810, 0.3186,
0.6814

■ 0.5964, 0.0000,
1.0000

■ 88.5387, 0.3473,
0.4390

■ 88.5387, 0.3473,
0.4390

■ 86.3920, 0.3539,
0.4670

■ 90.9500, 0.3395,
0.4104

■ 84.4926, 0.3587,
0.4932

■ 93.6335, 0.3309,
0.3822

■ 82.8276, 0.3613,
0.5161

■ 96.6017, 0.3220,
0.3552

■ 81.3807, 0.3614,
0.5346

99.8650, 0.3131,
0.3300

■ 80.1327, 0.3591,
0.5480

100.0000, 0.3127,
0.3290

■ 79.0923, 0.3549,
0.5564

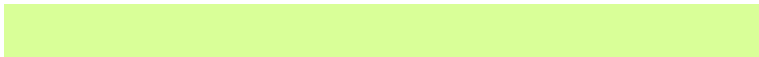
Harmonies

Analogous

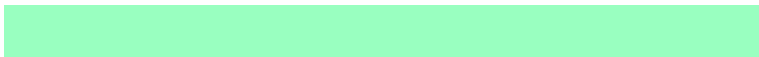
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5387, 0.3996, 0.4259



88.5387, 0.3473, 0.4390



88.5387, 0.2885, 0.4142

Triad

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



88.5387, 0.3473, 0.4390



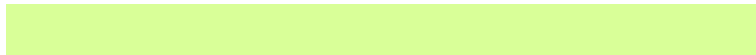
88.5387, 0.2068, 0.2553



88.5387, 0.3884, 0.2978

Complementary

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



88.5387, 0.3473, 0.4390



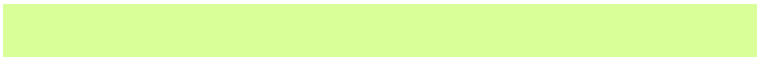
40.6193, 0.2646, 0.2128

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.



88.5387, 0.3290, 0.2611



88.5387, 0.3473, 0.4390



88.5387, 0.2273, 0.2361

Square

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



88.5387, 0.3473, 0.4390



88.5387, 0.2106, 0.2980



88.5387, 0.2701, 0.2391



88.5387, 0.4267, 0.3428

Rectangle

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



88.5387, 0.3473, 0.4390



88.5387, 0.2536, 0.3788



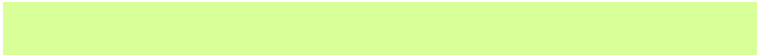
88.5387, 0.2701, 0.2391



88.5387, 0.3698, 0.2843

Sweetspot

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



88.5401, 0.3473, 0.4390



96.1056, 0.3234, 0.3594



60.2509, 0.3994, 0.3687



20.4853, 0.3246, 0.3629



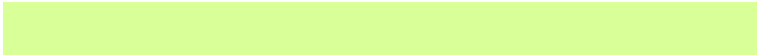
0.0000, 0.0000, 0.0000



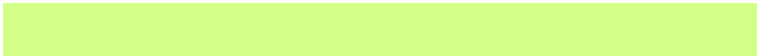
21.4041, 0.3127, 0.3290

Same Dimension

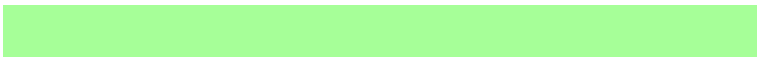
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5401, 0.3473, 0.4390



86.8832, 0.3524, 0.4604



81.8644, 0.3147, 0.4512



20.7363, 0.3212, 0.3529



41.4152, 0.3559, 0.5556



4.0946, 0.3631, 0.5499

Inverse Universe

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



40.6193, 0.2646, 0.2128



33.3202, 0.2529, 0.1886



48.4219, 0.3059, 0.2257



17.7039, 0.3037, 0.3048



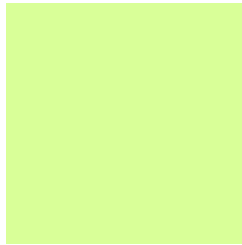
5.0947, 0.1794, 0.0762



0.5556, 0.1918, 0.0830

Previews

White Background



This preview shows how the Yxy color 88.5387, 0.3473, 0.4390 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 88.5387, 0.3473, 0.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

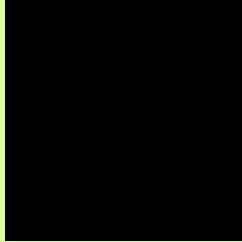
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

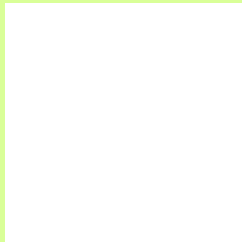
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.5387, 0.3473, 0.4390

Background



This preview shows how black text looks on a background with the Yxy color 88.5387, 0.3473, 0.4390.

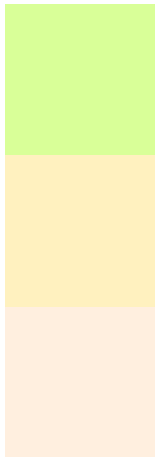


This preview shows how white text looks on a background with the Yxy color 88.5387, 0.3473, 0.4390.

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

88.5387, 0.3473, 0.4390

Protanopia

87.9322, 0.3539, 0.3791

Deuteranopia

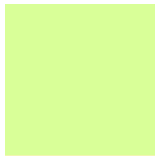
88.3207, 0.3336, 0.3449



Tritanopia

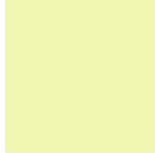
88.3864, 0.3006, 0.3160

Trichromacy



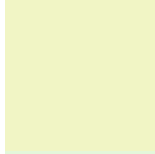
Original Color

88.5387, 0.3473, 0.4390



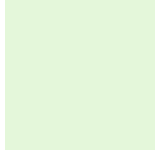
Protanomaly

87.7866, 0.3517, 0.4001



Deuteranomaly

88.0368, 0.3395, 0.3783



Tritanomaly

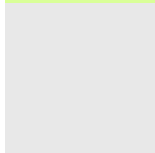
88.0775, 0.3177, 0.3592

Monochromacy



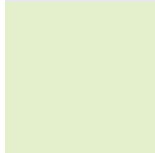
Original Color

88.5387, 0.3473, 0.4390



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 88.5387, 0.3473, 0.4390 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(217, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 152)  
}
```

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(217, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 152) }
```

Border

The CSS property to change the border of an element to Yxy 88.5387, 0.3473, 0.4390 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(217, 255, 152) }
```

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

```
.border{ border-color:rgb(217, 255, 152) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5387, 0.3473, 0.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 152) }
```

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

```
.background{ background-color: rgb(217,  
255, 152) }
```

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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