

Converting Colors

Yxy(86.0556, 0.3484, 0.4263)

Have a look what the booklet for
Yxy(86.0556, 0.3484, 0.4263)
contains.

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Color

Yxy(86.4040, 0.3481, 0.4262)

Conversions

Conversions Part 1

Format	Color
Hex	DEFA9F
RGB	222, 250, 159
RGB Percent	87%, 98%, 62%
CMY	0.1294, 0.0196, 0.3765
CMYK	0.11, 0.00, 0.36, 0.02
HSL	78°, 90%, 80%
HSV	78°, 36%, 98%
XYZ	70.5707, 86.4040, 45.7564
YIQ	231.2540, 12.5230, -34.2370

Conversions

Conversions Part 2

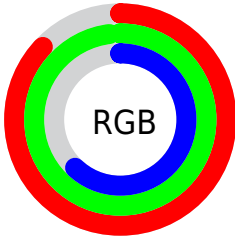
Format	Color
RYB	159, 250, 187
Decimal	14613151
CIELab	94.48, -23.47, 40.69
CIELCh	94, 46.970, 119.979
Yxy	86.4040, 0.3481, 0.4262
Android (android.graphics.Color)	4292803231 (0xFFDEFA9F)
YUV	231.2540, -35.6212, -8.1158
Hunter-Lab	92.9538, -27.1515, 35.8822

Details

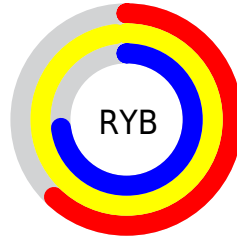
The Yxy color **86.4040, 0.3481, 0.4262** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **42.2603, 0.2662, 0.2244**, and the grayscale version is **80.3772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **47.2875, 0.3546, 0.4483** is the 20% darker color. If you saturate the color by 10%, you get **84.4392, 0.3563, 0.4537**, and if you desaturate by 10%, it is **88.6073, 0.3388, 0.3983**.

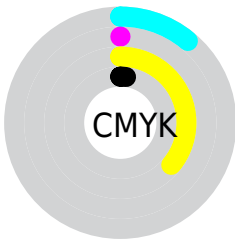
Distribution



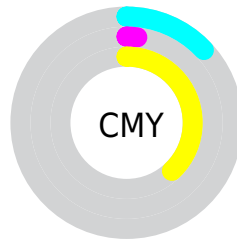
- Red (87%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4040, 0.3481, 0.4262 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 86.4040, 0.3481, 0.4262 by changing the saturation by 10% instead.


 86.4040, 0.3481,
0.4262

 86.4040, 0.3481,
0.4262


516.2624, 0.3336,
0.3813

 65.0021, 0.3509,
0.4363


 142.3331, 0.3435,
0.4107

 47.4628, 0.3540,
0.4487


 177.6291, 0.3416,
0.4046

 33.4017, 0.3575,
0.4641


218.3253, 0.3399,
0.3994

 22.4343, 0.3612,
0.4837


264.8060, 0.3384,
0.3948

 14.1764, 0.3648,
0.5094

317.4557, 0.3370,
0.3908

 8.2434, 0.3669,
0.5437

376.6588, 0.3358,

 4.2511, 0.3754,

0.3873

0.6092

442.7995, 0.3347,
0.3841

■ 1.8150, 0.3450,
0.6550

■ 0.4965, 0.0000,
1.0000

■ 86.4040, 0.3481,
0.4262

■ 86.4040, 0.3481,
0.4262

■ 84.4392, 0.3563,
0.4537

■ 88.6073, 0.3388,
0.3983

■ 82.6901, 0.3630,
0.4796

■ 91.0482, 0.3290,
0.3710

■ 81.1480, 0.3676,
0.5028

■ 93.7401, 0.3190,
0.3449

■ 79.7987, 0.3697,
0.5219

■ 96.4321, 0.3115,
0.3242

■ 78.6258, 0.3693,
0.5363

■ 96.8528, 0.3129,
0.3242

■ 77.6090, 0.3664,
0.5457

■ 77.2704, 0.3651,
0.5483

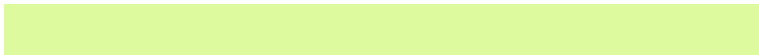
Harmonies

Analogous

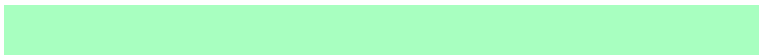
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4040, 0.3934, 0.4139



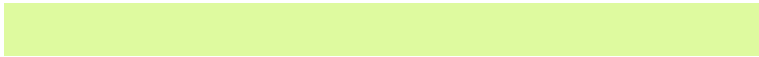
86.4040, 0.3481, 0.4262



86.4040, 0.2955, 0.4064

Triad

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



86.4040, 0.3481, 0.4262



86.4040, 0.2170, 0.2658



86.4040, 0.3763, 0.2986

Complementary

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



86.4040, 0.3481, 0.4262



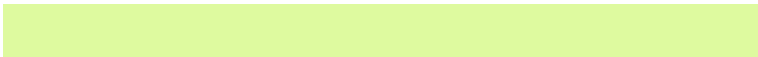
42.2603, 0.2662, 0.2244

Split Complementary

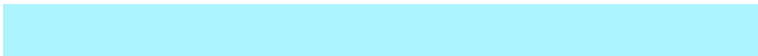
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4040, 0.3233, 0.2660



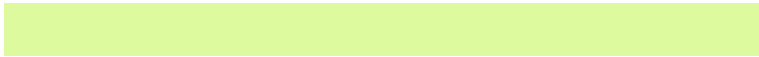
86.4040, 0.3481, 0.4262



86.4040, 0.2341, 0.2463

Square

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



86.4040, 0.3481, 0.4262



86.4040, 0.2223, 0.3058



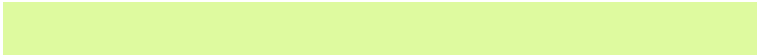
86.4040, 0.2715, 0.2473



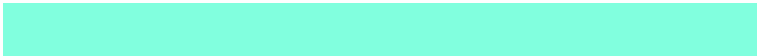
86.4040, 0.4121, 0.3391

Rectangle

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



86.4040, 0.3481, 0.4262



86.4040, 0.2636, 0.3768



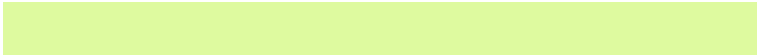
86.4040, 0.2715, 0.2473



86.4040, 0.3596, 0.2865

Sweetspot

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



86.4078, 0.3481, 0.4262



96.7237, 0.3236, 0.3567



58.0713, 0.3907, 0.3584



20.6213, 0.3250, 0.3603



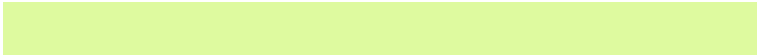
0.0000, 0.0000, 0.0000



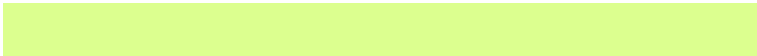
21.4041, 0.3127, 0.3290

Same Dimension

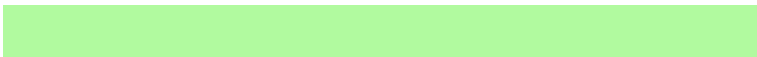
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4078, 0.3481, 0.4262



88.7900, 0.3545, 0.4473



80.2463, 0.3185, 0.4360



19.9073, 0.3221, 0.3528



41.0650, 0.3660, 0.5476



3.8591, 0.3725, 0.5425

Inverse Universe

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



42.2603, 0.2662, 0.2244



36.1880, 0.2538, 0.1995



48.8201, 0.3019, 0.2344



16.9018, 0.3027, 0.3048



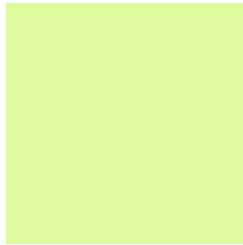
4.5616, 0.1710, 0.0716



0.4757, 0.1835, 0.0784

Previews

White Background



This preview shows how the Yxy color 86.4040, 0.3481, 0.4262 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 86.4040, 0.3481, 0.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

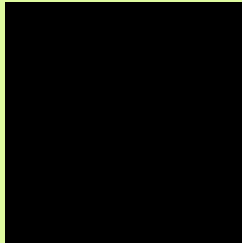
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.4040, 0.3481, 0.4262

Background



This preview shows how black text looks on a background with the Yxy color 86.4040, 0.3481, 0.4262.

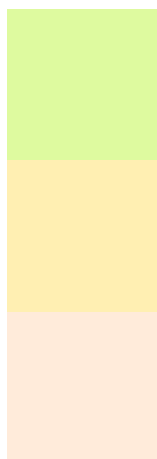


This preview shows how white text looks on a background with the Yxy color 86.4040, 0.3481, 0.4262.

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

86.4040, 0.3481, 0.4262

Protanopia

86.2074, 0.3628, 0.3903

Deuteranopia

85.7386, 0.3374, 0.3460



Tritanopia

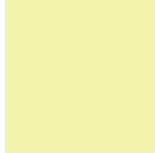
86.0312, 0.3006, 0.3120

Trichromacy



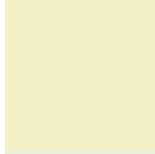
Original Color

86.4040, 0.3481, 0.4262



Protanomaly

86.0961, 0.3575, 0.4031



Deuteranomaly

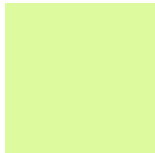
85.4061, 0.3418, 0.3733



Tritanomaly

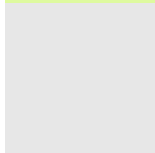
85.4946, 0.3182, 0.3519

Monochromacy



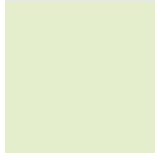
Original Color

86.4040, 0.3481, 0.4262



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.0508, 0.3265, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4040, 0.3481, 0.4262 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(222, 250, 159)` looks like.

```
.text, #text, p{  
    color:rgb(222, 250, 159)  
}
```

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(222, 250, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 250, 159) }
```

Border

The CSS property to change the border of an element to Yxy 86.4040, 0.3481, 0.4262 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(222, 250, 159) }
```

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

```
.border{ border-color:rgb(222, 250, 159) }
```

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

Here you see how a box with a 4 pixel rgb(222, 250, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 250, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 250, 159);  
box-shadow:4px 4px 4px 4px rgb(222, 250,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4040, 0.3481, 0.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 250, 159) }
```

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

```
.background{ background-color: rgb(222,  
250, 159) }
```

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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