

Converting Colors

$Yxy(88.3708, 0.3607, 0.4556)$

Have a look what the booklet for
Yxy(88.3708, 0.3607, 0.4556)
contains.

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Color

Yxy(88.1067, 0.3609, 0.4555)

Conversions

Conversions Part 1

Format	Color
Hex	DEFE85
RGB	222, 254, 133
RGB Percent	87%, 100%, 52%
CMY	0.1293, 0.0039, 0.4785
CMYK	0.13, 0.00, 0.48, 0.00
HSL	76°, 98%, 76%
HSV	76°, 48%, 100%
XYZ	69.8084, 88.1067, 35.5135
YIQ	230.6380, 19.7690, -44.4150

Conversions

Conversions Part 2

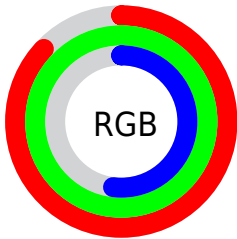
Format	Color
RYB	133, 254, 165
Decimal	14614149
CIELab	95.21, -28.21, 54.06
CIELCh	95, 60.983, 117.559
Yxy	88.1067, 0.3609, 0.4555
Android (android.graphics.Color)	4292804229 (0xFFDEFE85)
YUV	230.6380, -48.1355, -7.5755
Hunter-Lab	93.8652, -31.5120, 43.2735

Details

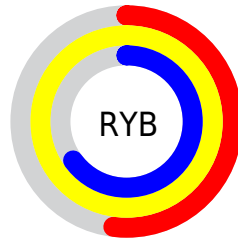
The Yxy color **88.1067, 0.3609, 0.4555** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **31.9224, 0.2437, 0.1862**, and the grayscale version is **79.9880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **48.5110, 0.3677, 0.4829** is the 20% darker color. If you saturate the color by 10%, you get **86.4530, 0.3681, 0.4804**, and if you desaturate by 10%, it is **89.9802, 0.3520, 0.4288**.

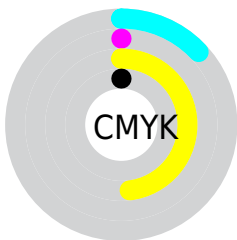
Distribution



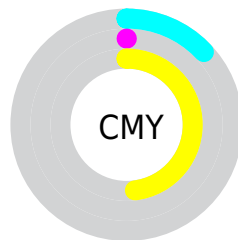
- Red (87%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1067, 0.3609, 0.4555 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 88.1067, 0.3609, 0.4555 by changing the saturation by 10% instead.


 88.1067, 0.3609,
0.4555

 88.1067, 0.3609,
0.4555


521.8526, 0.3421,
0.3975


 66.4114, 0.3642,
0.4682


 144.7057, 0.3552,
0.4357

 48.6065, 0.3676,
0.4836


 180.3782, 0.3527,
0.4279

 34.3074, 0.3711,
0.5024

 221.4786, 0.3505,
0.4211

 23.1299, 0.3741,
0.5256

268.3913, 0.3485,
0.4152

 14.6894, 0.3754,
0.5546

321.5006, 0.3467,
0.4100

 8.6017, 0.3743,
0.5936

381.1910, 0.3450,

 4.4823, 0.3613,

0.4054

0.6387

447.8469, 0.3435,
0.4012

■ 1.9469, 0.3193,
0.6807

■ 0.5763, 0.0000,
1.0000

■ 88.1067, 0.3609,
0.4555

■ 88.1067, 0.3609,
0.4555

■ 86.4530, 0.3681,
0.4804

■ 89.9802, 0.3520,
0.4288

■ 84.9942, 0.3732,
0.5022

■ 92.0733, 0.3421,
0.4013

■ 83.7198, 0.3757,
0.5199

■ 94.4006, 0.3315,
0.3742

■ 82.6124, 0.3757,
0.5328

■ 96.9721, 0.3208,
0.3480

■ 81.6497, 0.3732,
0.5409

99.3614, 0.3128,
0.3280

■ 81.4359, 0.3725,
0.5425

Harmonies

Analogous

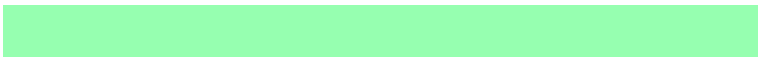
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1067, 0.4179, 0.4326



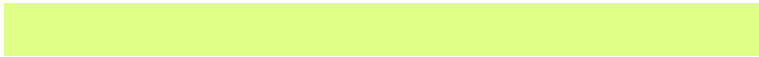
88.1067, 0.3609, 0.4555



88.1067, 0.2943, 0.4353

Triad

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



88.1067, 0.3609, 0.4555



88.1067, 0.1927, 0.2506



88.1067, 0.3894, 0.2862

Complementary

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



88.1067, 0.3609, 0.4555



31.9224, 0.2437, 0.1862

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.



88.1067, 0.3197, 0.2477



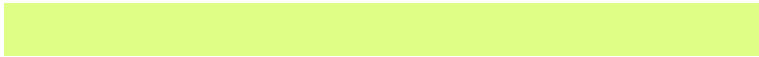
88.1067, 0.3609, 0.4555



88.1067, 0.2112, 0.2259

Square

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



88.1067, 0.3609, 0.4555



88.1067, 0.2007, 0.3023



88.1067, 0.2552, 0.2261



88.1067, 0.4387, 0.3350

Rectangle

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



88.1067, 0.3609, 0.4555



88.1067, 0.2535, 0.3971



88.1067, 0.2552, 0.2261



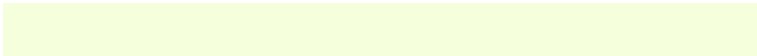
88.1067, 0.3671, 0.2718

Sweetspot

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



88.1106, 0.3609, 0.4555



96.1658, 0.3276, 0.3645



49.0444, 0.4287, 0.3610



20.4664, 0.3299, 0.3702



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

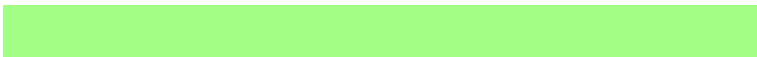
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1106, 0.3609, 0.4555



87.3309, 0.3677, 0.4789



80.3869, 0.3225, 0.4728



20.8353, 0.3228, 0.3528



43.0110, 0.3732, 0.5419



4.2410, 0.3787, 0.5375

Inverse Universe

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



31.9224, 0.2437, 0.1862



24.5957, 0.2268, 0.1558



39.7353, 0.2918, 0.2037



17.6097, 0.3020, 0.3047



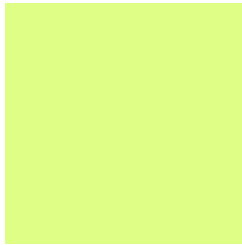
4.4637, 0.1658, 0.0687



0.4850, 0.1770, 0.0749

Previews

White Background



This preview shows how the Yxy color 88.1067, 0.3609, 0.4555 looks on a white background.

Color Contrast Check

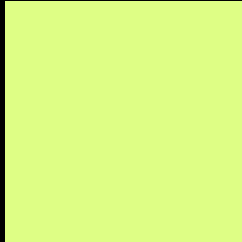
Large Text (above 18pt) WCAG AA × Fail

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 88.1067, 0.3609, 0.4555 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

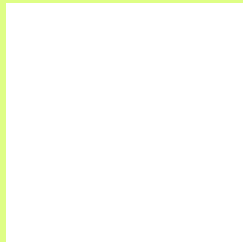
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1067, 0.3609, 0.4555

Background



This preview shows how black text looks on a background with the Yxy color 88.1067, 0.3609, 0.4555.

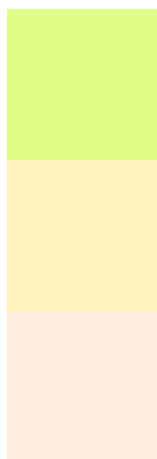


This preview shows how white text looks on a background with the Yxy color 88.1067, 0.3609, 0.4555.

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

88.1067, 0.3609, 0.4555

Protanopia

87.7585, 0.3565, 0.3831

Deuteranopia

87.6295, 0.3350, 0.3459



Tritanopia

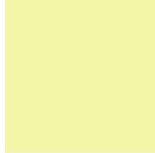
87.7173, 0.3025, 0.3141

Trichromacy



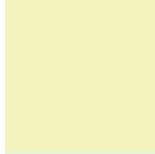
Original Color

88.1067, 0.3609, 0.4555



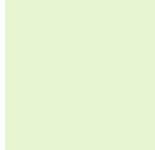
Protanomaly

87.7562, 0.3592, 0.4099



Deuteranomaly

87.4302, 0.3461, 0.3855



Tritanomaly

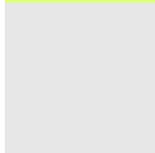
87.1638, 0.3248, 0.3644

Monochromacy



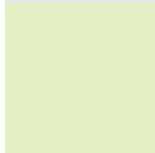
Original Color

88.1067, 0.3609, 0.4555



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.1671, 0.3327, 0.3760

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1067, 0.3609, 0.4555 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, 254, 133)` looks like.

```
.text, #text, p{  
    color:rgb(222, 254, 133)  
}
```

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, 254, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 254, 133) }
```

Border

The CSS property to change the border of an element to Yxy 88.1067, 0.3609, 0.4555 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, 254, 133) }
```

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

```
.border{ border-color:rgb(222, 254, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 254, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 254, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 254, 133); box-shadow:4px 4px 4px 4px rgb(222, 254, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1067, 0.3609, 0.4555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 254, 133) }
```

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

```
.background{ background-color: rgb(222,  
254, 133) }
```

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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