

Converting Colors

$Yxy(89.8842, 0.3275, 0.3876)$

Have a look what the booklet for
Yxy(89.8842, 0.3275, 0.3876)
contains.

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Color

Yxy(89.6596, 0.3277, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	E1FCC5
RGB	225, 252, 197
RGB Percent	88%, 99%, 77%
CMY	0.1177, 0.0117, 0.2274
CMYK	0.11, 0.00, 0.22, 0.01
HSL	89°, 90%, 88%
HSV	89°, 22%, 99%
XYZ	75.9407, 89.6596, 66.1381
YIQ	237.6570, 1.5630, -22.8290

Conversions

Conversions Part 2

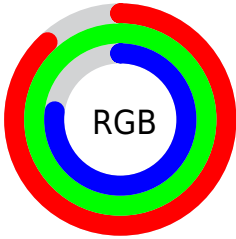
Format	Color
R_{YB}	197, 252, 224
Decimal	14810309
CIE _{Lab}	95.86, -18.17, 23.47
CIE _{LCh}	96, 29.687, 127.746
Yxy	89.6596, 0.3277, 0.3869
Android (android.graphics.Color)	4293000389 (0xFFE1FCC5)
YUV	237.6570, -20.0439, -11.1002
Hunter-Lab	94.6888, -22.5477, 24.8693

Details

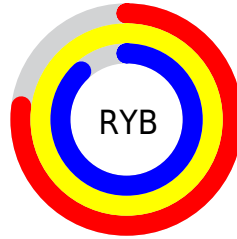
The Yxy color **89.6596, 0.3277, 0.3869** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.8226, 0.2947, 0.2711**, and the grayscale version is **85.3810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **49.4484, 0.3302, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **86.6851, 0.3341, 0.4162**, and if you desaturate by 10%, it is **92.9793, 0.3209, 0.3591**.

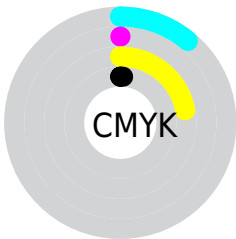
Distribution



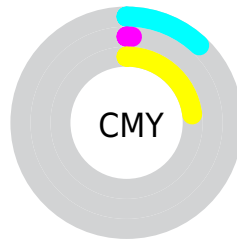
- Red (88%)
- Green (99%)
- Blue (77%)



- Red (77%)
- Yellow (99%)
- Blue (88%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)




- Cyan (12%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.6596, 0.3277, 0.3869 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 89.6596, 0.3277, 0.3869 by changing the saturation by 10% instead.


 89.6596, 0.3277,
0.3869

 89.6596, 0.3277,
0.3869


526.9229, 0.3215,
0.3603

 67.6984, 0.3290,
0.3929


146.8655, 0.3257,
0.3777

 49.6524, 0.3304,
0.4003


182.8789, 0.3249,
0.3742

 35.1373, 0.3321,
0.4095


224.3451, 0.3241,
0.3711

 23.7686, 0.3341,
0.4215

271.6486, 0.3235,
0.3684

 15.1621, 0.3365,
0.4375

325.1738, 0.3229,
0.3660

 8.9332, 0.3391,
0.4601

385.3049, 0.3224,

 4.6976, 0.3412,

0.3639

0.4937

452.4265, 0.3219,
0.3620

■ 2.0710, 0.3545,
0.5710

■ 0.6482, 0.2102,
0.7898

■ 89.6596, 0.3277,
0.3869

■ 89.6596, 0.3277,
0.3869

■ 86.6851, 0.3341,
0.4162

■ 92.9793, 0.3209,
0.3591

■ 84.0314, 0.3396,
0.4464

■ 96.6443, 0.3140,
0.3334

■ 81.6888, 0.3439,
0.4761

■ 98.1042, 0.3128,
0.3262

■ 79.6428, 0.3464,
0.5042

■ 77.8770, 0.3468,
0.5289

■ 76.3732, 0.3450,
0.5488

■ 75.1100, 0.3410,
0.5631

■ 74.2306, 0.3365,
0.5710

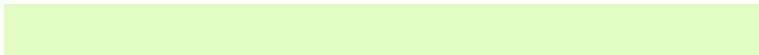
Harmonies

Analogous

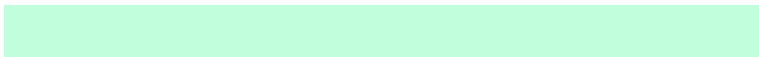
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6596, 0.3580, 0.3861



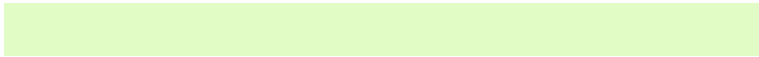
89.6596, 0.3277, 0.3869



89.6596, 0.2945, 0.3695

Triad

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



89.6596, 0.3277, 0.3869



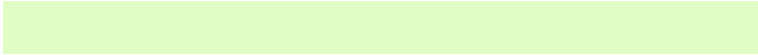
89.6596, 0.2523, 0.2850



89.6596, 0.3595, 0.3167

Complementary

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



89.6596, 0.3277, 0.3869



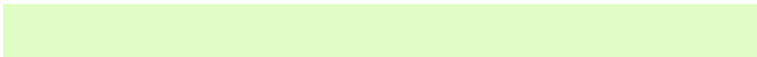
62.8226, 0.2947, 0.2711

Split Complementary

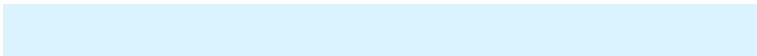
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.6596, 0.3289, 0.2930



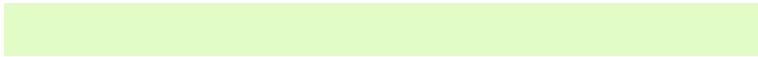
89.6596, 0.3277, 0.3869



89.6596, 0.2676, 0.2746

Square

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



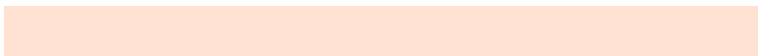
89.6596, 0.3277, 0.3869



89.6596, 0.2522, 0.3082



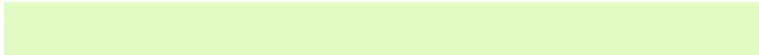
89.6596, 0.2951, 0.2779



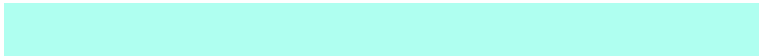
89.6596, 0.3773, 0.3442

Rectangle

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



89.6596, 0.3277, 0.3869



89.6596, 0.2752, 0.3503



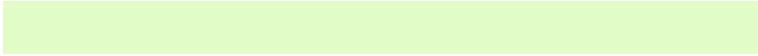
89.6596, 0.2951, 0.2779



89.6596, 0.3503, 0.3081

Sweetspot

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



89.6635, 0.3277, 0.3869



97.2780, 0.3176, 0.3465



77.8235, 0.3515, 0.3563



20.7731, 0.3180, 0.3481



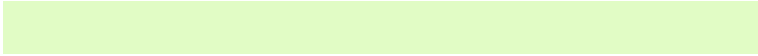
0.0000, 0.0000, 0.0000



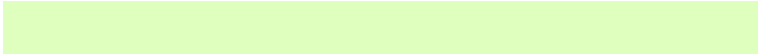
21.4041, 0.3127, 0.3290

Same Dimension

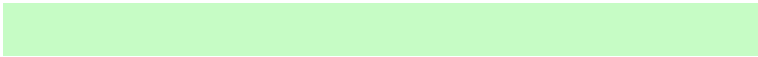
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6635, 0.3277, 0.3869



90.7793, 0.3304, 0.3991



85.6536, 0.3104, 0.3901



19.7433, 0.3193, 0.3530



38.7537, 0.3377, 0.5701



3.6523, 0.3466, 0.5630

Inverse Universe

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



62.8226, 0.2947, 0.2711



58.9002, 0.2905, 0.2589



67.4964, 0.3146, 0.2745



17.0616, 0.3056, 0.3050



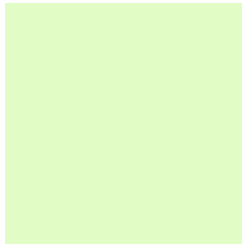
5.9720, 0.2005, 0.0878



0.6160, 0.2134, 0.0949

Previews

White Background



This preview shows how the Yxy color 89.6596, 0.3277, 0.3869 looks on a white background.

Color Contrast Check

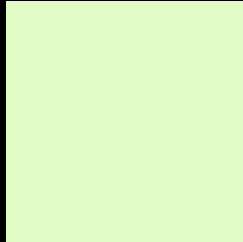
Large Text (above 18pt) WCAG AA × Fail

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 89.6596, 0.3277, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

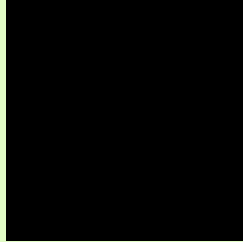
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

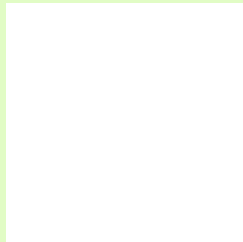
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.6596, 0.3277, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 89.6596, 0.3277, 0.3869.

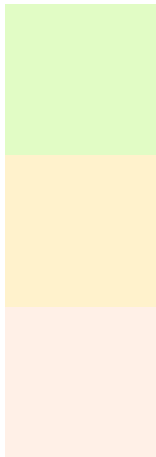


This preview shows how white text looks on a background with the Yxy color 89.6596, 0.3277, 0.3869.

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

89.6596, 0.3277, 0.3869

Protanopia

89.1239, 0.3453, 0.3669

Deuteranopia

89.3497, 0.3283, 0.3379



Tritanopia

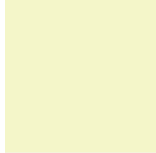
89.4983, 0.3024, 0.3171

Trichromacy



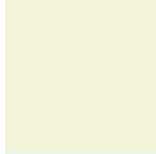
Original Color

89.6596, 0.3277, 0.3869



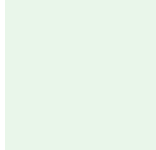
Protanomaly

89.3617, 0.3389, 0.3748



Deuteranomaly

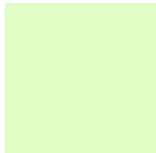
89.0489, 0.3280, 0.3543



Tritanomaly

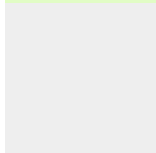
89.1757, 0.3115, 0.3412

Monochromacy



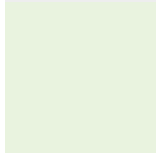
Original Color

89.6596, 0.3277, 0.3869



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

86.7525, 0.3183, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.6596, 0.3277, 0.3869 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(225, 252, 197)` looks like.

```
.text, #text, p{  
    color:rgb(225, 252, 197)  
}
```

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(225, 252, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 252, 197) }
```

Border

The CSS property to change the border of an element to Yxy 89.6596, 0.3277, 0.3869 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(225, 252, 197) }
```

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

```
.border{ border-color:rgb(225, 252, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 252, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 252, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 252, 197);  
box-shadow:4px 4px 4px 4px rgb(225, 252,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 89.6596, 0.3277, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 252, 197) }
```

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

```
.background{ background-color: rgb(225,  
252, 197) }
```

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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