

Converting Colors

Yxy(89.5464, 0.3223, 0.3871)

Have a look what the booklet for
Yxy(89.5464, 0.3223, 0.3871)
contains.

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Color

Yxy(89.2795, 0.3219, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	DAFDC7
RGB	218, 253, 199
RGB Percent	85%, 99%, 78%
CMY	0.1450, 0.0079, 0.2195
CMYK	0.14, 0.00, 0.21, 0.01
HSL	99°, 93%, 89%
HSV	99°, 21%, 99%
XYZ	74.3572, 89.2795, 67.3581
YIQ	236.3790, -3.5260, -24.2140

Conversions

Conversions Part 2

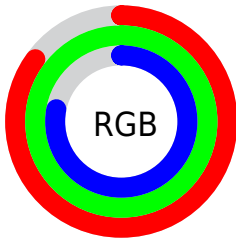
Format	Color
R _{YB}	199, 253, 234
Decimal	14351815
CIE _{Lab}	95.70, -20.74, 22.17
CIE _{LCh}	96, 30.356, 133.094
Yxy	89.2795, 0.3219, 0.3865
Android (android.graphics.Color)	4292541895 (0xFFDAFDC7)
YUV	236.3790, -18.4278, -16.1184
Hunter-Lab	94.4878, -24.8831, 23.8751

Details

The Yxy color **89.2795, 0.3219, 0.3865** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4373, 0.3013, 0.2735**, and the grayscale version is **84.3402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3107, 0.3236, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **85.8007, 0.3257, 0.4171**, and if you desaturate by 10%, it is **93.2111, 0.3177, 0.3581**.

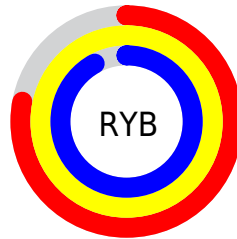
Distribution



Red (85%)

Green (99%)

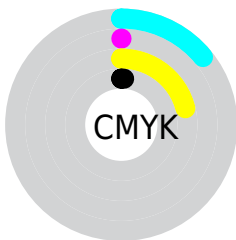
Blue (78%)



Red (78%)

Yellow (99%)

Blue (92%)

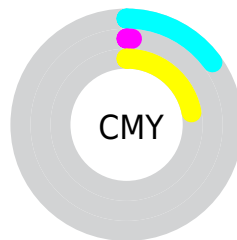


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (1%)



Cyan (15%)


Magenta (1%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2795, 0.3219, 0.3865 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 89.2795, 0.3219, 0.3865 by changing the saturation by 10% instead.


 89.2795, 0.3219,
0.3865

 89.2795, 0.3219,
0.3865

525.6843, 0.3183,
0.3600

 67.3832, 0.3226,
0.3925


146.3372, 0.3208,
0.3773

 49.3961, 0.3233,
0.3999


182.2674, 0.3203,
0.3738

 34.9338, 0.3242,
0.4092


223.6443, 0.3199,
0.3707

 23.6119, 0.3251,
0.4213

270.8524, 0.3195,
0.3680

 15.0460, 0.3260,
0.4376

324.2761, 0.3191,
0.3656

 8.8517, 0.3266,
0.4607

384.2997, 0.3188,

 4.6446, 0.3260,

0.3636

451.3076, 0.3185,
0.3617

0.4955

2.0403, 0.3319,
0.5721

0.6307, 0.1287,
0.8713

89.2795, 0.3219,
0.3865

89.2795, 0.3219,
0.3865

85.8007, 0.3257,
0.4171

93.2111, 0.3177,
0.3581

82.7464, 0.3287,
0.4490

97.5999, 0.3133,
0.3323

80.1024, 0.3306,
0.4811

98.7277, 0.3128,
0.3271

77.8492, 0.3311,
0.5118

■ 75.9655, 0.3299,
0.5392

■ 74.4278, 0.3270,
0.5614

■ 73.2086, 0.3225,
0.5772

■ 72.3781, 0.3178,
0.5859

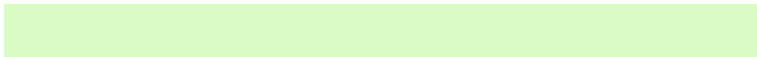
Harmonies

Analogous

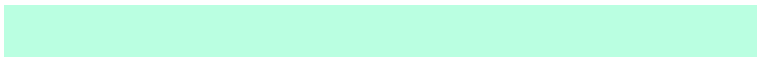
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2795, 0.3541, 0.3890



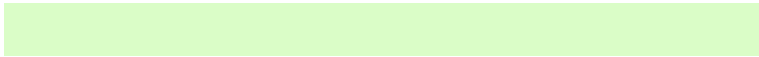
89.2795, 0.3219, 0.3865



89.2795, 0.2884, 0.3657

Triad

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



89.2795, 0.3219, 0.3865



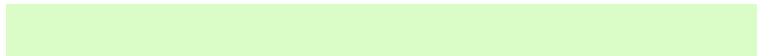
89.2795, 0.2527, 0.2810



89.2795, 0.3651, 0.3212

Complementary

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



89.2795, 0.3219, 0.3865



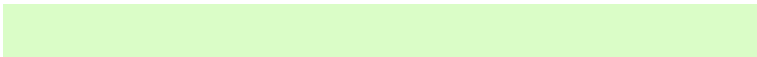
65.4373, 0.3013, 0.2735

Split Complementary

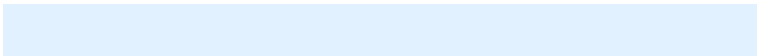
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2795, 0.3354, 0.2960



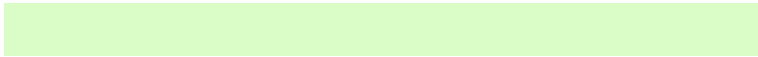
89.2795, 0.3219, 0.3865



89.2795, 0.2708, 0.2730

Square

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



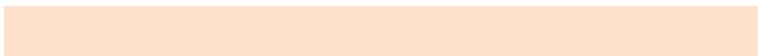
89.2795, 0.3219, 0.3865



89.2795, 0.2497, 0.3026



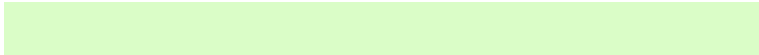
89.2795, 0.3006, 0.2787



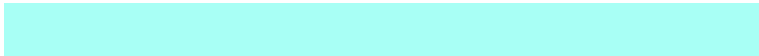
89.2795, 0.3802, 0.3495

Rectangle

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



89.2795, 0.3219, 0.3865



89.2795, 0.2698, 0.3450



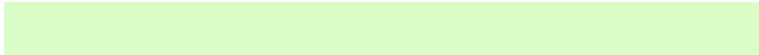
89.2795, 0.3006, 0.2787



89.2795, 0.3564, 0.3122

Sweetspot

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



89.2834, 0.3219, 0.3865



97.2222, 0.3154, 0.3440



83.4003, 0.3489, 0.3637



20.7471, 0.3157, 0.3457



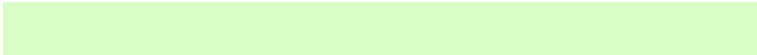
0.0000, 0.0000, 0.0000



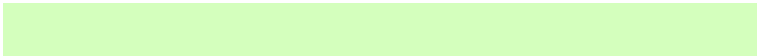
21.4041, 0.3127, 0.3290

Same Dimension

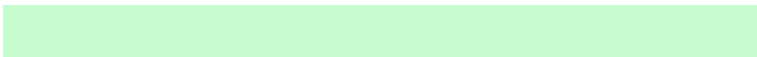
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2834, 0.3219, 0.3865



89.1868, 0.3237, 0.4006



86.8596, 0.3059, 0.3804



20.4794, 0.3169, 0.3532



38.5775, 0.3189, 0.5850



3.8145, 0.3275, 0.5782

Inverse Universe

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



65.4373, 0.3013, 0.2735



60.5822, 0.2982, 0.2605



68.3799, 0.3203, 0.2825



17.9615, 0.3081, 0.3052



8.0481, 0.2338, 0.1061



0.8447, 0.2437, 0.1116

Previews

White Background



This preview shows how the Yxy color 89.2795, 0.3219, 0.3865 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 89.2795, 0.3219, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

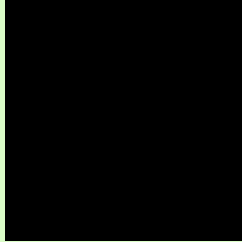
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

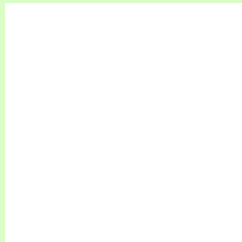
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2795, 0.3219, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 89.2795, 0.3219, 0.3865.

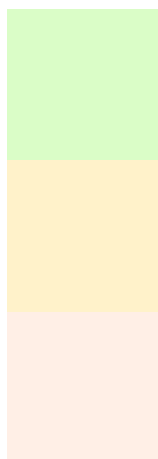


This preview shows how white text looks on a background with the Yxy color 89.2795, 0.3219, 0.3865.

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

89.2795, 0.3219, 0.3865

Protanopia

89.0285, 0.3466, 0.3689

Deuteranopia

88.7062, 0.3291, 0.3379



Tritanopia

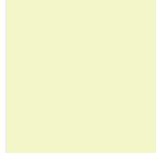
88.8136, 0.2999, 0.3170

Trichromacy



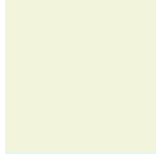
Original Color

89.2795, 0.3219, 0.3865



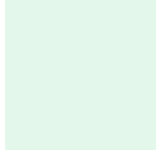
Protanomaly

89.0058, 0.3376, 0.3750



Deuteranomaly

88.6931, 0.3267, 0.3544



Tritanomaly

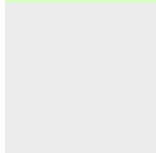
89.0137, 0.3077, 0.3413

Monochromacy



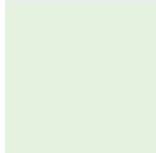
Original Color

89.2795, 0.3219, 0.3865



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.4900, 0.3157, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2795, 0.3219, 0.3865 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, 253, 199)` looks like.

```
.text, #text, p{  
    color:rgb(218, 253, 199)  
}
```

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, 253, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 253, 199) }
```

Border

The CSS property to change the border of an element to Yxy 89.2795, 0.3219, 0.3865 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, 253, 199) }
```

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

```
.border{ border-color:rgb(218, 253, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 253, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 253, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 253, 199);  
box-shadow:4px 4px 4px 4px rgb(218, 253,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2795, 0.3219, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 253, 199) }
```

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

```
.background{ background-color: rgb(218,  
253, 199) }
```

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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