

Converting Colors

Yxy(86.5516, 0.3202, 0.3828)

Have a look what the booklet for
Yxy(86.5516, 0.3202, 0.3828)
contains.

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Color

Yxy(86.3220, 0.3203, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	D7F9C7
RGB	215, 249, 199
RGB Percent	84%, 98%, 78%
CMY	0.1569, 0.0235, 0.2195
CMYK	0.14, 0.00, 0.20, 0.02
HSL	101°, 81%, 88%
HSV	101°, 20%, 98%
XYZ	72.2093, 86.3220, 66.9114
YIQ	233.1340, -4.2140, -22.7580

Conversions

Conversions Part 2

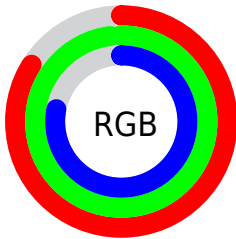
Format	Color
RYB	199, 249, 233
Decimal	14154183
CIELab	94.45, -19.84, 20.39
CIELCh	94, 28.454, 134.215
Yxy	86.3220, 0.3203, 0.3829
Android (android.graphics.Color)	4292344263 (0xFFD7F9C7)
YUV	233.1340, -16.8281, -15.9035
Hunter-Lab	92.9096, -23.8618, 22.3374

Details

The Yxy color **86.3220, 0.3203, 0.3829** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0382, 0.3033, 0.2772**, and the grayscale version is **81.7257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2172, 0.3217, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **82.8271, 0.3236, 0.4134**, and if you desaturate by 10%, it is **90.2796, 0.3166, 0.3547**.

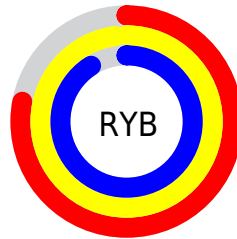
Distribution



Red (84%)

Green (98%)

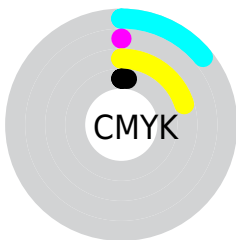
Blue (78%)



Red (78%)

Yellow (98%)

Blue (91%)

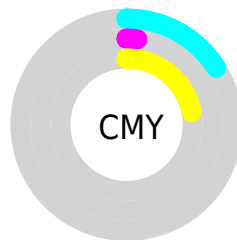


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (2%)



Cyan (16%)


Magenta (2%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3220, 0.3203, 0.3829 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 86.3220, 0.3203, 0.3829 by changing the saturation by 10% instead.


 86.3220, 0.3203,
0.3829

 86.3220, 0.3203,
0.3829


515.9924, 0.3173,
0.3579

 64.9343, 0.3209,
0.3886

142.2187, 0.3194,
0.3742

 47.4078, 0.3215,
0.3956


177.4966, 0.3190,
0.3709

 33.3581, 0.3222,
0.4045


218.1732, 0.3186,
0.3680

 22.4009, 0.3229,
0.4161

264.6330, 0.3183,
0.3655

 14.1518, 0.3236,
0.4318

317.2605, 0.3180,
0.3632

 8.2263, 0.3240,
0.4542

376.4399, 0.3178,

 4.2401, 0.3231,

0.3613

0.4885

442.5557, 0.3175,
0.3595

■ 1.8088, 0.3310,
0.5695

■ 0.4926, 0.0000,
1.0000

■ 86.3220, 0.3203,
0.3829

■ 86.3220, 0.3203,
0.3829

■ 82.8271, 0.3236,
0.4134

■ 90.2796, 0.3166,
0.3547

■ 79.7663, 0.3262,
0.4456

■ 94.7050, 0.3127,
0.3292

■ 77.1252, 0.3278,
0.4782

■ 96.2352, 0.3130,
0.3233

■ 74.8837, 0.3282,
0.5097

■ 73.0203, 0.3269,
0.5380

■ 71.5110, 0.3241,
0.5613

■ 70.3283, 0.3198,
0.5781

■ 69.4380, 0.3147,
0.5883

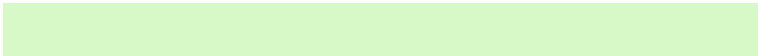
Harmonies

Analogous

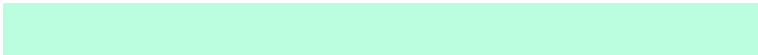
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3220, 0.3510, 0.3861



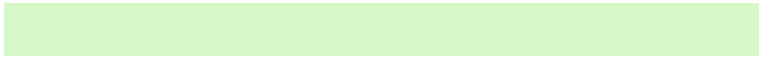
86.3220, 0.3203, 0.3829



86.3220, 0.2886, 0.3627

Triad

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



86.3220, 0.3203, 0.3829



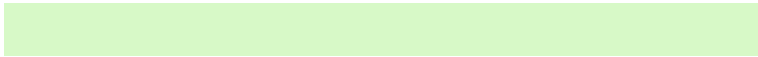
86.3220, 0.2560, 0.2830



86.3220, 0.3632, 0.3227

Complementary

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



86.3220, 0.3203, 0.3829



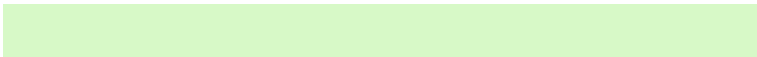
65.0382, 0.3033, 0.2772

Split Complementary

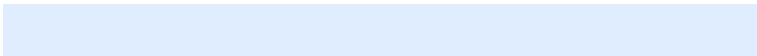
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.3220, 0.3354, 0.2984



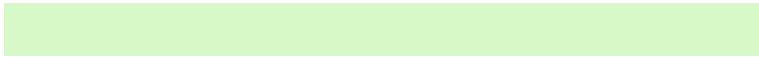
86.3220, 0.3203, 0.3829



86.3220, 0.2738, 0.2757

Square

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



86.3220, 0.3203, 0.3829



86.3220, 0.2526, 0.3031



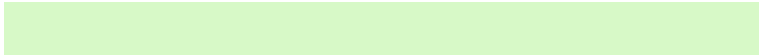
86.3220, 0.3025, 0.2815



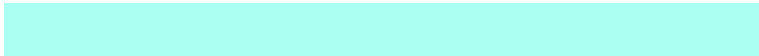
86.3220, 0.3768, 0.3496

Rectangle

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



86.3220, 0.3203, 0.3829



86.3220, 0.2711, 0.3430



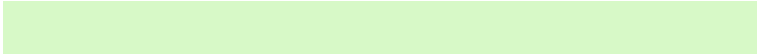
86.3220, 0.3025, 0.2815



86.3220, 0.3551, 0.3141

Sweetspot

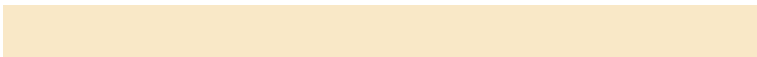
The Sweet Spot groups the original color and five complimentary colors.



86.3257, 0.3203, 0.3829



97.1311, 0.3151, 0.3440



82.1770, 0.3462, 0.3631



20.7256, 0.3153, 0.3457



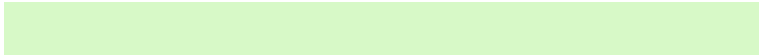
0.0000, 0.0000, 0.0000



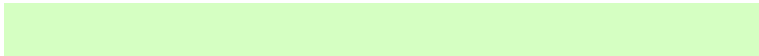
21.4041, 0.3127, 0.3290

Same Dimension

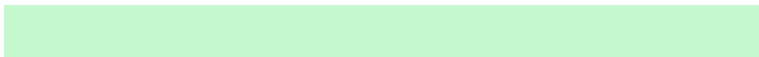
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3257, 0.3203, 0.3829



89.6021, 0.3217, 0.3948



84.4257, 0.3054, 0.3750



19.5780, 0.3164, 0.3532



37.2340, 0.3157, 0.5875



3.5028, 0.3246, 0.5805

Inverse Universe

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



65.0382, 0.3033, 0.2772



63.4563, 0.3010, 0.2663



67.3374, 0.3210, 0.2870



17.2306, 0.3087, 0.3053



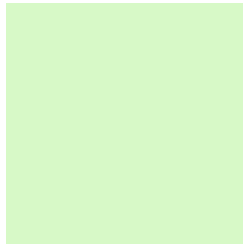
8.2870, 0.2416, 0.1104



0.8243, 0.2512, 0.1158

Previews

White Background



This preview shows how the Yxy color 86.3220, 0.3203, 0.3829 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 86.3220, 0.3203, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

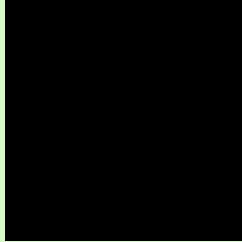
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

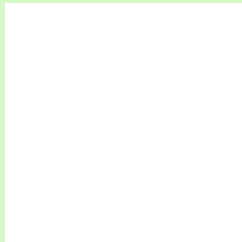
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3220, 0.3203, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 86.3220, 0.3203, 0.3829.



This preview shows how white text looks on a background with the Yxy color 86.3220, 0.3203, 0.3829.

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

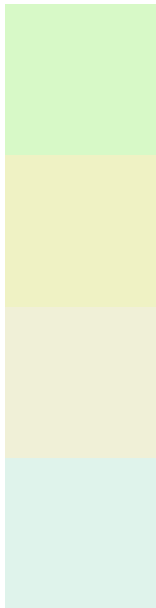




Tritanopia

86.0342, 0.2962, 0.3138

Trichromacy



Original Color

86.3220, 0.3203, 0.3829

Protanomaly

85.8405, 0.3393, 0.3767

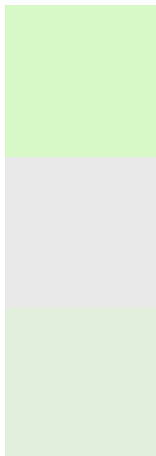
Deuteranomaly

85.7517, 0.3282, 0.3547

Tritanomaly

85.7873, 0.3046, 0.3373

Monochromacy



Original Color

86.3220, 0.3203, 0.3829

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

83.1222, 0.3151, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3220, 0.3203, 0.3829 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(215, 249, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 249, 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(215, 249, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 249, 199) }
```

Border

The CSS property to change the border of an element to Yxy 86.3220, 0.3203, 0.3829 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(215, 249, 199) }
```

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

```
.border{ border-color:rgb(215, 249, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 249, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 249, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 249, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 249,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3220, 0.3203, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 249, 199) }
```

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

```
.background{ background-color: rgb(215,  
249, 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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