

Converting Colors

$Yxy(85.7481, 0.3286, 0.3904)$

Have a look what the booklet for
Yxy(85.7481, 0.3286, 0.3904)
contains.

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Color

Yxy(86.0682, 0.3290, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	DCF8BE
RGB	220, 248, 190
RGB Percent	86%, 97%, 75%
CMY	0.1375, 0.0274, 0.2548
CMYK	0.11, 0.00, 0.23, 0.03
HSL	89°, 81%, 86%
HSV	89°, 23%, 97%
XYZ	72.3650, 86.0682, 61.5213
YIQ	233.0160, 1.9300, -23.9740

Conversions

Conversions Part 2

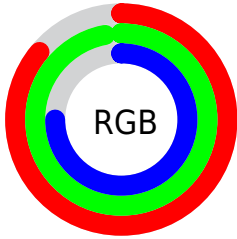
Format	Color
RYB	190, 248, 218
Decimal	14481598
CIELab	94.34, -19.05, 24.90
CIELCh	94, 31.351, 127.413
Yxy	86.0682, 0.3290, 0.3913
Android (android.graphics.Color)	4292671678 (0xFFDCF8BE)
YUV	233.0160, -21.2069, -11.4150
Hunter-Lab	92.7729, -23.1186, 25.6236

Details

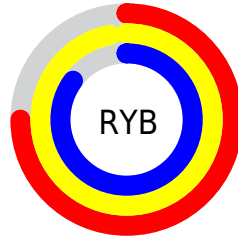
The Yxy color **86.0682, 0.3290, 0.3913** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.5314, 0.2929, 0.2666**, and the grayscale version is **81.6558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **47.4762, 0.3326, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **83.2721, 0.3354, 0.4207**, and if you desaturate by 10%, it is **89.1908, 0.3221, 0.3633**.

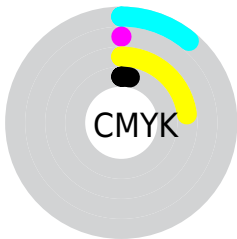
Distribution



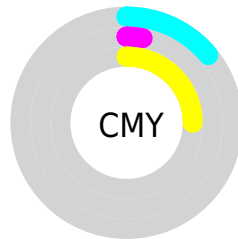
- Red (86%)
- Green (97%)
- Blue (75%)



- Red (75%)
- Yellow (97%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)




- Cyan (14%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.0682, 0.3290, 0.3913 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 86.0682, 0.3290, 0.3913 by changing the saturation by 10% instead.

 86.0682, 0.3290,
0.3913

 86.0682, 0.3290,
0.3913


515.1561, 0.3222,
0.3625

 64.7244, 0.3304,
0.3979

 141.8647, 0.3268,
0.3813

 47.2376, 0.3319,
0.4059

177.0861, 0.3259,
0.3774

 33.2235, 0.3338,
0.4162


217.7021, 0.3251,
0.3741

 22.2977, 0.3360,
0.4294

264.0973, 0.3244,
0.3711

 14.0758, 0.3384,
0.4473

316.6558, 0.3238,
0.3686

 8.1734, 0.3409,
0.4725

375.7622, 0.3232,

 4.2061, 0.3425,

0.3663

0.5104

441.8008, 0.3227,
0.3643

■ 1.7895, 0.3721,
0.6279

■ 0.4806, 0.0000,
1.0000

■ 86.0682, 0.3290,
0.3913

■ 86.0682, 0.3290,
0.3913

■ 83.2721, 0.3354,
0.4207

■ 89.1908, 0.3221,
0.3633

■ 80.7792, 0.3409,
0.4508

■ 92.6402, 0.3151,
0.3373

■ 78.5801, 0.3450,
0.4802

■ 95.6268, 0.3130,
0.3223

■ 76.6607, 0.3474,
0.5077

■ 75.0053, 0.3476,
0.5316

■ 73.5961, 0.3455,
0.5506

■ 72.4119, 0.3412,
0.5640

■ 71.7336, 0.3376,
0.5702

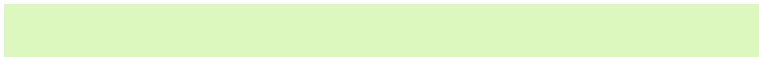
Harmonies

Analogous

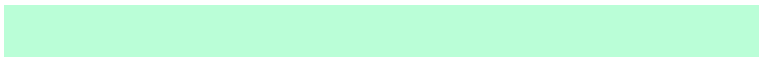
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0682, 0.3613, 0.3900



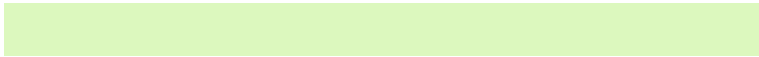
86.0682, 0.3290, 0.3913



86.0682, 0.2935, 0.3728

Triad

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



86.0682, 0.3290, 0.3913



86.0682, 0.2482, 0.2821



86.0682, 0.3625, 0.3154

Complementary

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



86.0682, 0.3290, 0.3913



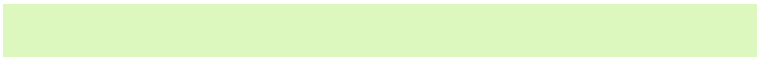
58.5314, 0.2929, 0.2666

Split Complementary

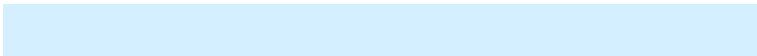
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0682, 0.3295, 0.2904



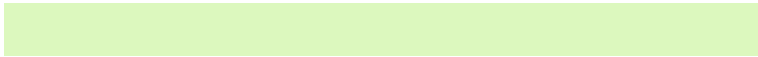
86.0682, 0.3290, 0.3913



86.0682, 0.2642, 0.2710

Square

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



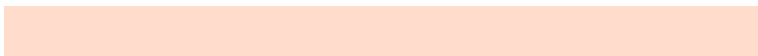
86.0682, 0.3290, 0.3913



86.0682, 0.2482, 0.3069



86.0682, 0.2934, 0.2744



86.0682, 0.3818, 0.3447

Rectangle

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



86.0682, 0.3290, 0.3913



86.0682, 0.2729, 0.3522



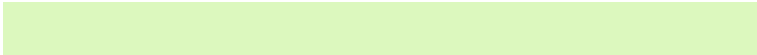
86.0682, 0.2934, 0.2744



86.0682, 0.3526, 0.3064

Sweetspot

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



86.0719, 0.3290, 0.3913



97.3012, 0.3176, 0.3465



73.8474, 0.3547, 0.3584



20.7784, 0.3181, 0.3481



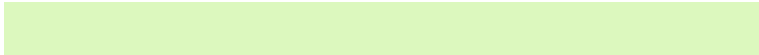
0.0000, 0.0000, 0.0000



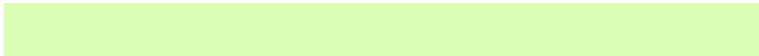
21.4041, 0.3127, 0.3290

Same Dimension

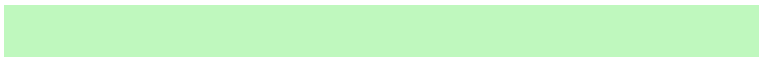
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.0719, 0.3290, 0.3913



90.2483, 0.3321, 0.4049



81.9392, 0.3102, 0.3950



19.7496, 0.3194, 0.3530



38.8276, 0.3387, 0.5693



3.6592, 0.3476, 0.5622

Inverse Universe

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



58.5314, 0.2929, 0.2666



56.2652, 0.2880, 0.2530



63.3957, 0.3147, 0.2706



17.0553, 0.3055, 0.3050



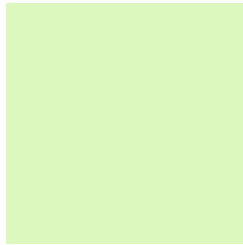
5.9025, 0.1991, 0.0871



0.6095, 0.2121, 0.0942

Previews

White Background



This preview shows how the Yxy color 86.0682, 0.3290, 0.3913 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 86.0682, 0.3290, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

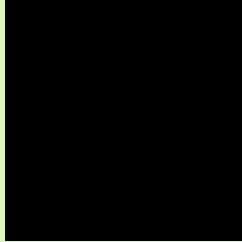
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

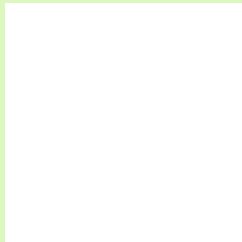
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0682, 0.3290, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 86.0682, 0.3290, 0.3913.

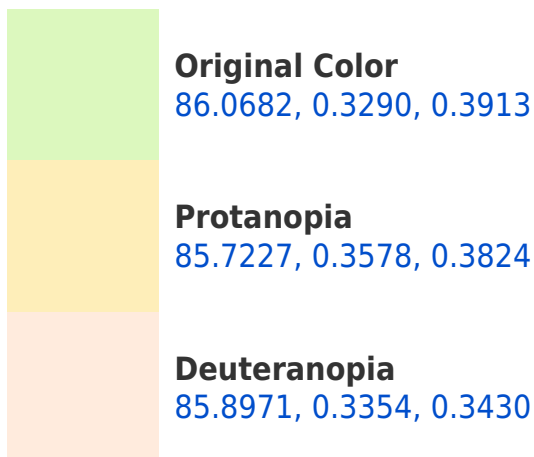


This preview shows how white text looks on a background with the Yxy color 86.0682, 0.3290, 0.3913.

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

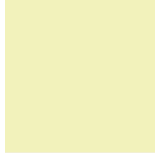
85.9419, 0.2980, 0.3129

Trichromacy



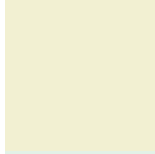
Original Color

86.0682, 0.3290, 0.3913



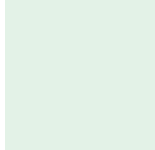
Protanomaly

85.9694, 0.3471, 0.3858



Deuteranomaly

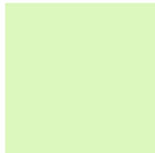
85.8506, 0.3328, 0.3598



Tritanomaly

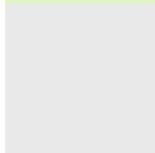
85.6047, 0.3096, 0.3404

Monochromacy



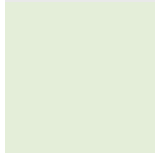
Original Color

86.0682, 0.3290, 0.3913



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

82.6528, 0.3190, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0682, 0.3290, 0.3913 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(220, 248, 190)` looks like.

```
.text, #text, p{  
    color:rgb(220, 248, 190)  
}
```

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(220, 248, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 248, 190) }
```

Border

The CSS property to change the border of an element to Yxy 86.0682, 0.3290, 0.3913 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(220, 248, 190) }
```

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

```
.border{ border-color:rgb(220, 248, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 248, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 248, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 248, 190);  
box-shadow:4px 4px 4px 4px rgb(220, 248,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0682, 0.3290, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 248, 190) }
```

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

```
.background{ background-color: rgb(220,  
248, 190) }
```

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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