

Converting Colors

Yxy(86.3913, 0.3278, 0.4071)

Have a look what the booklet for
Yxy(86.3913, 0.3278, 0.4071)
contains.

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Color

Yxy(86.6177, 0.3277, 0.4077)

Conversions

Conversions Part 1

Format	Color
Hex	D2FCB4
RGB	210, 252, 180
RGB Percent	82%, 99%, 71%
CMY	0.1765, 0.0117, 0.2942
CMYK	0.17, 0.00, 0.29, 0.01
HSL	95°, 92%, 85%
HSV	95°, 29%, 99%
XYZ	69.6213, 86.6177, 56.2155
YIQ	231.2340, -1.9200, -31.2960

Conversions

Conversions Part 2

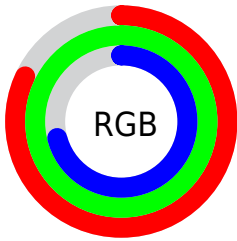
Format	Color
RYB	180, 252, 222
Decimal	13827252
CIELab	94.58, -25.90, 30.20
CIELCh	95, 39.788, 130.617
Yxy	86.6177, 0.3277, 0.4077
Android (android.graphics.Color)	4292017332 (0xFFD2FCB4)
YUV	231.2340, -25.2584, -18.6222
Hunter-Lab	93.0686, -29.3406, 29.3356

Details

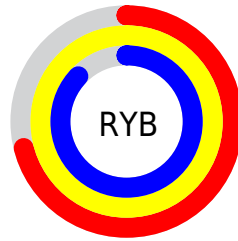
The Yxy color **86.6177, 0.3277, 0.4077** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.1919, 0.2928, 0.2525**, and the grayscale version is **80.2859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **47.5311, 0.3300, 0.4255** is the 20% darker color. If you saturate the color by 10%, you get **83.6264, 0.3320, 0.4387**, and if you desaturate by 10%, it is **90.0015, 0.3227, 0.3782**.

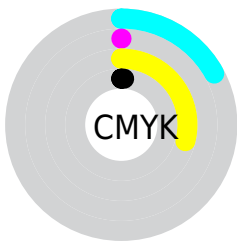
Distribution



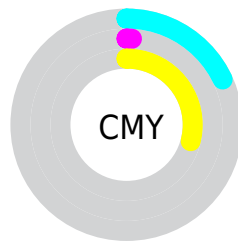
- Red (82%)
- Green (99%)
- Blue (71%)



- Red (71%)
- Yellow (99%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)




- Cyan (18%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6177, 0.3277, 0.4077 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 86.6177, 0.3277, 0.4077 by changing the saturation by 10% instead.

 86.6177, 0.3277,
0.4077

 86.6177, 0.3277,
0.4077


516.9658, 0.3219,
0.3710

 65.1789, 0.3287,
0.4161


 142.6312, 0.3259,
0.3949

 47.6061, 0.3299,
0.4264


177.9746, 0.3251,
0.3900

 33.5151, 0.3311,
0.4395


218.7217, 0.3245,
0.3857

 22.5213, 0.3322,
0.4565

265.2568, 0.3238,
0.3820

 14.2405, 0.3331,
0.4794

317.9644, 0.3233,
0.3788

 8.2881, 0.3328,
0.5117


377.2288, 0.3228,


 4.2798, 0.3289,

0.3759

0.5598


443.4345, 0.3223,
0.3733


 1.8313, 0.3302,
0.6698


 0.5066, 0.0000,
1.0000


 86.6177, 0.3277,
0.4077


 86.6177, 0.3277,
0.4077


 83.6264, 0.3320,
0.4387

 90.0015, 0.3227,
0.3782


 81.0010, 0.3352,
0.4700

 93.7810, 0.3174,
0.3507

 78.7284, 0.3370,
0.5003

 97.9362, 0.3123,
0.3262

 76.7907, 0.3370,
0.5278

 98.1078, 0.3128,
0.3262

■ 75.1675, 0.3350,
0.5508

■ 73.8360, 0.3310,
0.5680

■ 72.7654, 0.3255,
0.5791

■ 72.6300, 0.3247,
0.5804

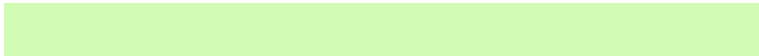
Harmonies

Analogous

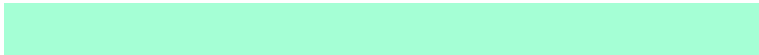
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6177, 0.3697, 0.4075



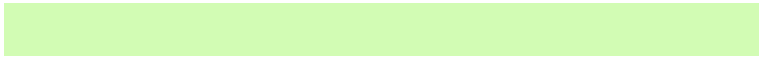
86.6177, 0.3277, 0.4077



86.6177, 0.2835, 0.3815

Triad

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



86.6177, 0.3277, 0.4077



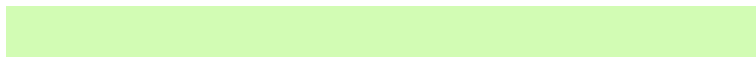
86.6177, 0.2336, 0.2673



86.6177, 0.3796, 0.3152

Complementary

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



86.6177, 0.3277, 0.4077



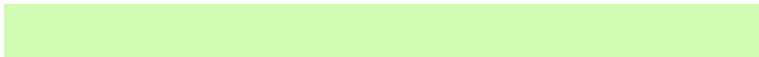
55.1919, 0.2928, 0.2525

Split Complementary

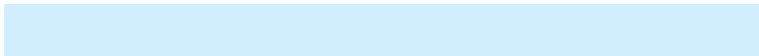
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6177, 0.3386, 0.2837



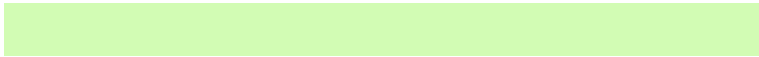
86.6177, 0.3277, 0.4077



86.6177, 0.2551, 0.2564

Square

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



86.6177, 0.3277, 0.4077



86.6177, 0.2313, 0.2962



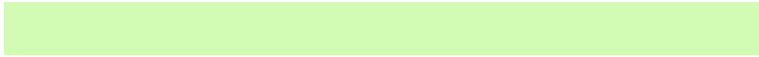
86.6177, 0.2927, 0.2627



86.6177, 0.4016, 0.3514

Rectangle

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



86.6177, 0.3277, 0.4077



86.6177, 0.2588, 0.3536



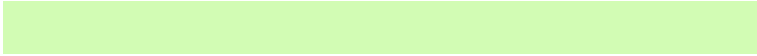
86.6177, 0.2927, 0.2627



86.6177, 0.3674, 0.3039

Sweetspot

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



86.6215, 0.3277, 0.4077



96.1574, 0.3176, 0.3518



76.2326, 0.3640, 0.3724



20.4556, 0.3184, 0.3557



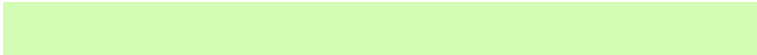
0.0000, 0.0000, 0.0000



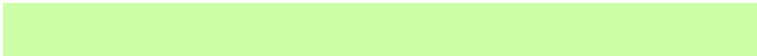
21.4041, 0.3127, 0.3290

Same Dimension

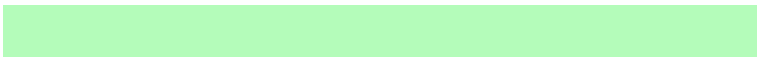
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6215, 0.3277, 0.4077



87.2548, 0.3301, 0.4244



82.8725, 0.3056, 0.4052



19.6624, 0.3179, 0.3531



37.9118, 0.3259, 0.5794



3.5719, 0.3352, 0.5721

Inverse Universe

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



55.1919, 0.2928, 0.2525



50.3780, 0.2880, 0.2368



59.9847, 0.3206, 0.2631



17.1432, 0.3071, 0.3051



6.9820, 0.2194, 0.0982



0.7089, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 86.6177, 0.3277, 0.4077 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 86.6177, 0.3277, 0.4077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

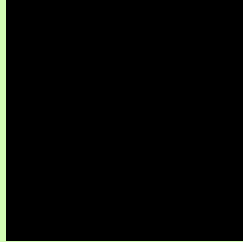
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

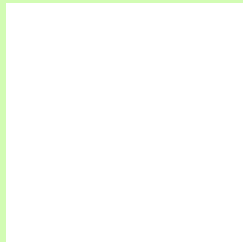
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6177, 0.3277, 0.4077

Background



This preview shows how black text looks on a background with the Yxy color 86.6177, 0.3277, 0.4077.

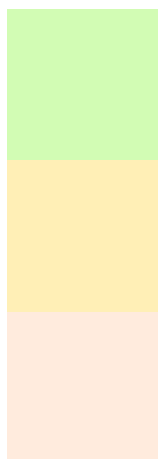


This preview shows how white text looks on a background with the Yxy color 86.6177, 0.3277, 0.4077.

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

86.6177, 0.3277, 0.4077

Protanopia

86.3704, 0.3602, 0.3863

Deuteranopia

85.8971, 0.3354, 0.3430



Tritanopia

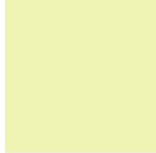
86.4615, 0.2956, 0.3148

Trichromacy



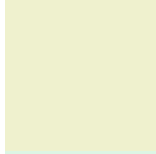
Original Color

86.6177, 0.3277, 0.4077



Protanomaly

86.3883, 0.3483, 0.3944



Deuteranomaly

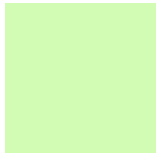
85.7175, 0.3331, 0.3652



Tritanomaly

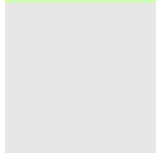
86.2784, 0.3074, 0.3468

Monochromacy



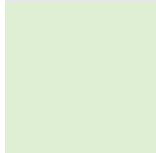
Original Color

86.6177, 0.3277, 0.4077



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.1744, 0.3187, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6177, 0.3277, 0.4077 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(210, 252, 180)` looks like.

```
.text, #text, p{  
    color:rgb(210, 252, 180)  
}
```

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(210, 252, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 252, 180) }
```

Border

The CSS property to change the border of an element to Yxy 86.6177, 0.3277, 0.4077 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(210, 252, 180) }
```

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

```
.border{ border-color:rgb(210, 252, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 252, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 252, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 252, 180);  
box-shadow:4px 4px 4px 4px rgb(210, 252,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6177, 0.3277, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 252, 180) }
```

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

```
.background{ background-color: rgb(210,  
252, 180) }
```

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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