

Converting Colors

$Yxy(86.3662, 0.3129, 0.3697)$

Have a look what the booklet for
Yxy(86.3662, 0.3129, 0.3697)
contains.

Yxy(86.1341, 0.3128, 0.3687)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.1341, 0.3128, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	D6F8D3
RGB	214, 248, 211
RGB Percent	84%, 97%, 83%
CMY	0.1605, 0.0275, 0.1725
CMYK	0.14, 0.00, 0.15, 0.03
HSL	115°, 72%, 90%
HSV	115°, 15%, 97%
XYZ	73.0750, 86.1341, 74.4066
YIQ	233.6160, -8.3870, -18.7150

Conversions

Conversions Part 2

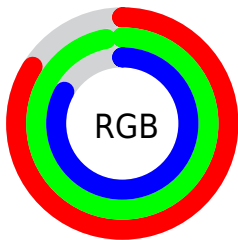
Format	Color
R _Y B	211, 248, 245
Decimal	14088403
CIE Lab	94.37, -17.68, 14.13
CIE LCh	94, 22.633, 141.369
Yxy	86.1341, 0.3128, 0.3687
Android (android.graphics.Color)	4292278483 (0xFFD6F8D3)
YUV	233.6160, -11.1497, -17.2032
Hunter-Lab	92.8085, -21.8685, 17.4318

Details

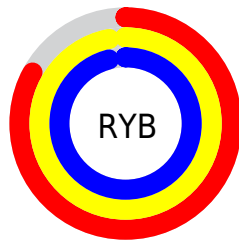
The Yxy color **86.1341, 0.3128, 0.3687** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.7660, 0.3122, 0.2918**, and the grayscale version is **82.0772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4705, 0.3128, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **81.8009, 0.3126, 0.3994**, and if you desaturate by 10%, it is **91.1441, 0.3128, 0.3413**.

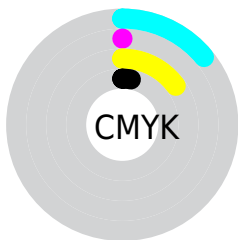
Distribution



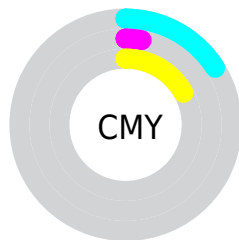
- Red (84%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.1341, 0.3128, 0.3687 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 86.1341, 0.3128, 0.3687 by changing the saturation by 10% instead.


 86.1341, 0.3128,
0.3687

 86.1341, 0.3128,
0.3687


515.3733, 0.3130,
0.3504

 64.7789, 0.3127,
0.3729


141.9566, 0.3129,
0.3624

 47.2818, 0.3125,
0.3780

177.1927, 0.3129,
0.3599

 33.2585, 0.3123,
0.3845


217.8245, 0.3130,
0.3578

 22.3245, 0.3119,
0.3930

264.2364, 0.3130,
0.3559

 14.0956, 0.3113,
0.4045

316.8128, 0.3130,
0.3543

 8.1872, 0.3101,
0.4209

375.9382, 0.3130,

 4.2149, 0.3076,

0.3528

0.4463

441.9969, 0.3130,
0.3516

■ 1.7945, 0.3030,
0.4927

■ 0.4837, 0.0550,
0.9450

■ 86.1341, 0.3128,
0.3687

■ 86.1341, 0.3128,
0.3687

■ 81.8009, 0.3126,
0.3994

■ 91.1441, 0.3128,
0.3413

■ 78.1051, 0.3121,
0.4329

■ 95.6057, 0.3130,
0.3223

■ 75.0198, 0.3112,
0.4681

■ 72.5121, 0.3100,
0.5032

■ 70.5460, 0.3083,
0.5360

■ 69.0812, 0.3064,
0.5636

■ 68.0719, 0.3042,
0.5838

■ 67.4638, 0.3022,
0.5955

■ 67.2809, 0.3014,
0.5989

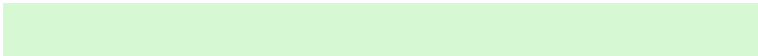
Harmonies

Analogous

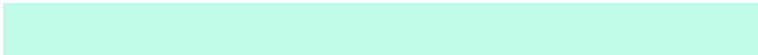
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1341, 0.3381, 0.3749



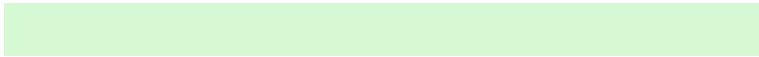
86.1341, 0.3128, 0.3687



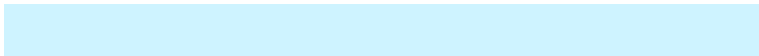
86.1341, 0.2882, 0.3504

Triad

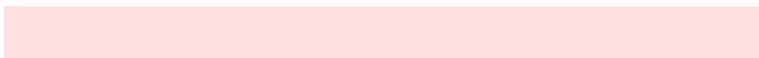
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1341, 0.3128, 0.3687



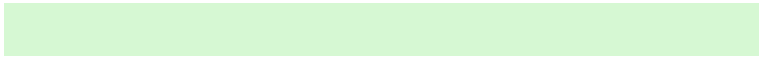
86.1341, 0.2696, 0.2898



86.1341, 0.3566, 0.3294

Complementary

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



86.1341, 0.3128, 0.3687



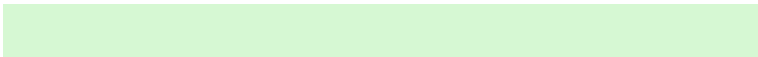
72.7660, 0.3122, 0.2918

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.



86.1341, 0.3368, 0.3087



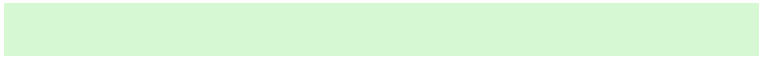
86.1341, 0.3128, 0.3687



86.1341, 0.2865, 0.2863

Square

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



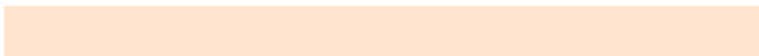
86.1341, 0.3128, 0.3687



86.1341, 0.2639, 0.3040



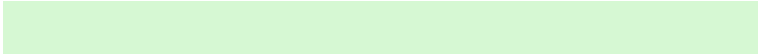
86.1341, 0.3110, 0.2932



86.1341, 0.3641, 0.3508

Rectangle

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



86.1341, 0.3128, 0.3687



86.1341, 0.2754, 0.3344



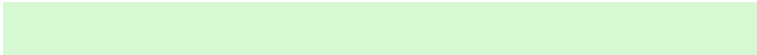
86.1341, 0.3110, 0.2932



86.1341, 0.3511, 0.3222

Sweetspot

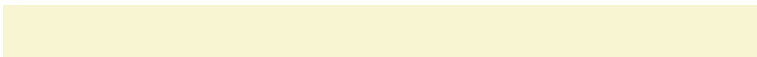
The Sweet Spot groups the original color and five complimentary colors.



86.1378, 0.3128, 0.3687



97.6295, 0.3128, 0.3389



89.9040, 0.3356, 0.3631



20.8042, 0.3128, 0.3409



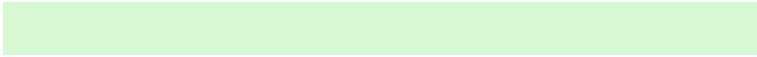
0.0000, 0.0000, 0.0000



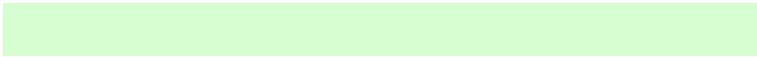
21.4041, 0.3127, 0.3290

Same Dimension

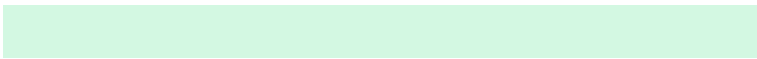
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1378, 0.3128, 0.3687



90.2618, 0.3128, 0.3779



86.4897, 0.3020, 0.3520



19.3781, 0.3128, 0.3534



36.3736, 0.3018, 0.5986



3.3917, 0.3059, 0.5953

Inverse Universe

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



72.7660, 0.3122, 0.2918



73.4137, 0.3121, 0.2838



72.4058, 0.3251, 0.3071



17.4469, 0.3125, 0.3055



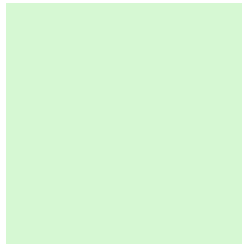
12.5473, 0.3001, 0.1427



1.1831, 0.3027, 0.1441

Previews

White Background



This preview shows how the Yxy color 86.1341, 0.3128, 0.3687 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 86.1341, 0.3128, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

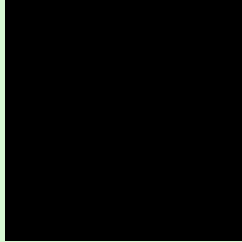
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

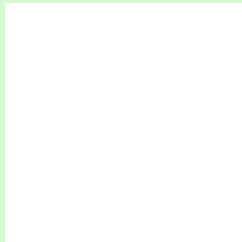
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1341, 0.3128, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 86.1341, 0.3128, 0.3687.

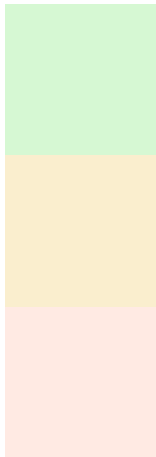


This preview shows how white text looks on a background with the Yxy color 86.1341, 0.3128, 0.3687.

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

86.1341, 0.3128, 0.3687

Protanopia

85.9293, 0.3413, 0.3614

Deuteranopia

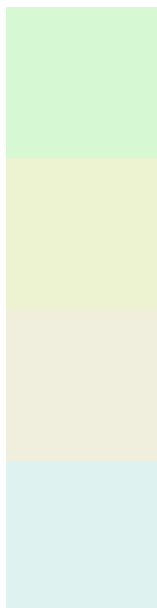
85.6517, 0.3316, 0.3360



Tritanopia

85.7089, 0.2949, 0.3137

Trichromacy



Original Color

86.1341, 0.3128, 0.3687

Protanomaly

86.0629, 0.3304, 0.3642

Deuteranomaly

85.4787, 0.3246, 0.3474

Tritanomaly

85.8628, 0.3017, 0.3331

Monochromacy



Original Color

86.1341, 0.3128, 0.3687

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.5549, 0.3127, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1341, 0.3128, 0.3687 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(214, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 248, 211)  
}
```

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(214, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 248, 211) }
```

Border

The CSS property to change the border of an element to Yxy 86.1341, 0.3128, 0.3687 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(214, 248, 211) }
```

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

```
.border{ border-color:rgb(214, 248, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 248, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 248,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1341, 0.3128, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 248, 211) }
```

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

```
.background{ background-color: rgb(214,  
248, 211) }
```

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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