

Converting Colors

Yxy(86.2929, 0.3148, 0.3668)

Have a look what the booklet for
Yxy(86.2929, 0.3148, 0.3668)
contains.

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Color

Yxy(86.1804, 0.3148, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	DAF7D4
RGB	218, 247, 212
RGB Percent	85%, 97%, 83%
CMY	0.1450, 0.0314, 0.1686
CMYK	0.12, 0.00, 0.14, 0.03
HSL	110°, 69%, 90%
HSV	110°, 14%, 97%
XYZ	74.0639, 86.1804, 75.0285
YIQ	234.3390, -6.0490, -17.0330

Conversions

Conversions Part 2

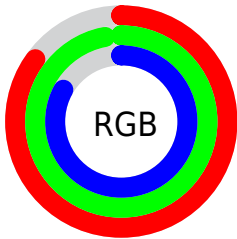
Format	Color
R _{YB}	212, 247, 241
Decimal	14350292
CIE Lab	94.39, -15.71, 13.67
CIE LCh	94, 20.827, 138.961
Yxy	86.1804, 0.3148, 0.3663
Android (android.graphics.Color)	4292540372 (0xFFDAF7D4)
YUV	234.3390, -11.0131, -14.3293
Hunter-Lab	92.8334, -20.0485, 17.0649

Details

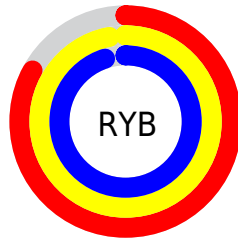
The Yxy color **86.1804, 0.3148, 0.3663** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.5110, 0.3101, 0.2935**, and the grayscale version is **82.6436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4825, 0.3154, 0.3760** is the 20% darker color. If you saturate the color by 10%, you get **82.0686, 0.3160, 0.3963**, and if you desaturate by 10%, it is **90.8796, 0.3134, 0.3393**.

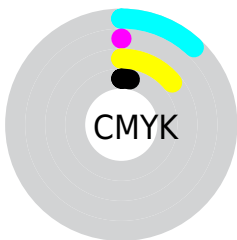
Distribution



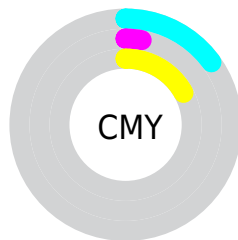
- Red (85%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)





- Cyan (15%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1804, 0.3148, 0.3663 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 86.1804, 0.3148, 0.3663 by changing the saturation by 10% instead.


 86.1804, 0.3148,
0.3663

 86.1804, 0.3148,
0.3663


515.5259, 0.3141,
0.3491

 64.8172, 0.3149,
0.3702

142.0212, 0.3146,
0.3604

 47.3128, 0.3150,
0.3750


177.2676, 0.3145,
0.3581

 33.2830, 0.3151,
0.3811


217.9104, 0.3144,
0.3561

 22.3434, 0.3152,
0.3889


264.3341, 0.3143,
0.3543

 14.1094, 0.3151,
0.3996

316.9232, 0.3143,
0.3528

 8.1968, 0.3148,
0.4149

376.0619, 0.3142,

 4.2211, 0.3138,

0.3514

0.4384

442.1346, 0.3141,
0.3502

■ 1.7980, 0.3114,
0.4806

■ 0.4859, 0.1389,
0.8611

■ 86.1804, 0.3148,
0.3663

■ 86.1804, 0.3148,
0.3663

■ 82.0686, 0.3160,
0.3963

■ 90.8796, 0.3134,
0.3393

■ 78.5105, 0.3168,
0.4289

■ 95.0010, 0.3131,
0.3214

■ 75.4855, 0.3170,
0.4630

■ 72.9674, 0.3165,
0.4973

■ 70.9279, 0.3151,
0.5295

■ 69.3358, 0.3129,
0.5573

■ 68.1560, 0.3099,
0.5784

■ 67.3475, 0.3065,
0.5917

■ 67.0216, 0.3046,
0.5964

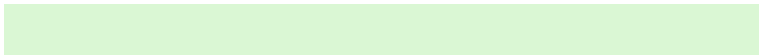
Harmonies

Analogous

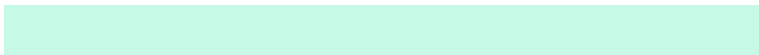
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1804, 0.3378, 0.3711



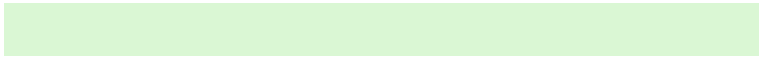
86.1804, 0.3148, 0.3663



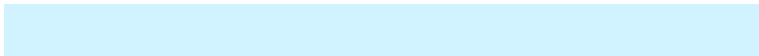
86.1804, 0.2918, 0.3503

Triad

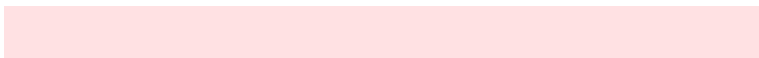
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1804, 0.3148, 0.3663



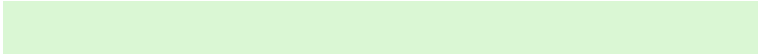
86.1804, 0.2721, 0.2936



86.1804, 0.3519, 0.3278

Complementary

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



86.1804, 0.3148, 0.3663



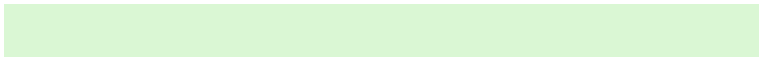
72.5110, 0.3101, 0.2935

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.



86.1804, 0.3331, 0.3089



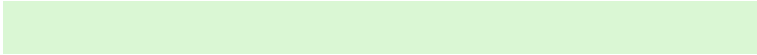
86.1804, 0.3148, 0.3663



86.1804, 0.2870, 0.2895

Square

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



86.1804, 0.3148, 0.3663



86.1804, 0.2678, 0.3075



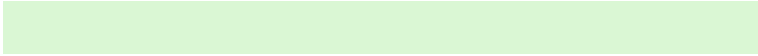
86.1804, 0.3092, 0.2951



86.1804, 0.3598, 0.3477

Rectangle

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



86.1804, 0.3148, 0.3663



86.1804, 0.2795, 0.3358



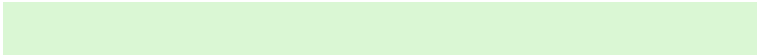
86.1804, 0.3092, 0.2951



86.1804, 0.3466, 0.3212

Sweetspot

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



86.1841, 0.3148, 0.3663



97.7929, 0.3133, 0.3389



87.1941, 0.3349, 0.3579



20.8454, 0.3135, 0.3408



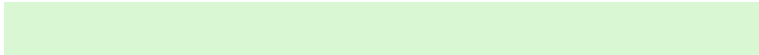
0.0000, 0.0000, 0.0000



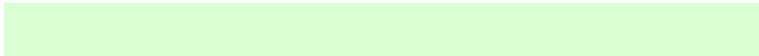
21.4041, 0.3127, 0.3290

Same Dimension

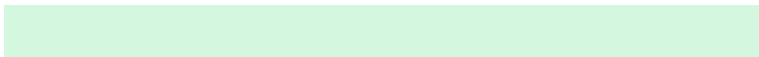
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1841, 0.3148, 0.3663



91.3299, 0.3152, 0.3746



85.8535, 0.3045, 0.3545



18.6087, 0.3141, 0.3533



35.4873, 0.3053, 0.5958



3.1570, 0.3125, 0.5901

Inverse Universe

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



72.5110, 0.3101, 0.2935



74.0083, 0.3094, 0.2860



72.9213, 0.3220, 0.3048



16.6160, 0.3110, 0.3055



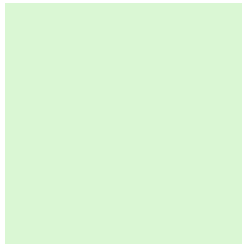
10.4414, 0.2778, 0.1304



0.9548, 0.2835, 0.1335

Previews

White Background



This preview shows how the Yxy color 86.1804, 0.3148, 0.3663 looks on a white background.

Color Contrast Check

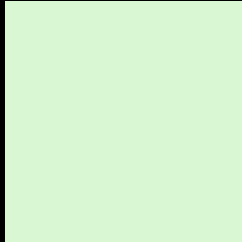
Large Text (above 18pt) WCAG AA × Fail

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 86.1804, 0.3148, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

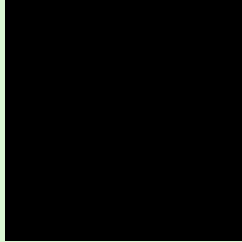
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

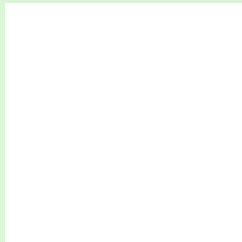
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1804, 0.3148, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 86.1804, 0.3148, 0.3663.

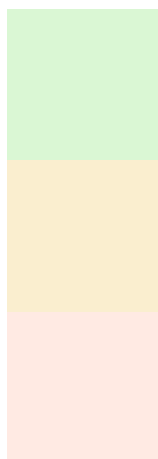


This preview shows how white text looks on a background with the Yxy color 86.1804, 0.3148, 0.3663.

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

86.1804, 0.3148, 0.3663

Protanopia

85.9781, 0.3406, 0.3604

Deuteranopia

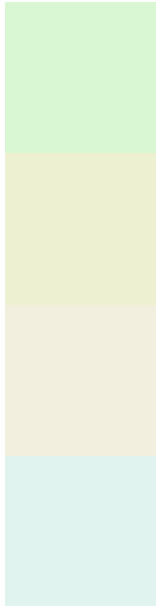
85.6517, 0.3316, 0.3360



Tritanopia

86.0342, 0.2962, 0.3138

Trichromacy



Original Color

86.1804, 0.3148, 0.3663

Protanomaly

85.6912, 0.3305, 0.3621

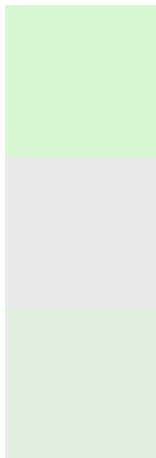
Deuteranomaly

85.8842, 0.3253, 0.3463

Tritanomaly

86.1805, 0.3029, 0.3331

Monochromacy



Original Color

86.1804, 0.3148, 0.3663

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.7180, 0.3134, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1804, 0.3148, 0.3663 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, 247, 212)` looks like.

```
.text, #text, p{  
    color:rgb(218, 247, 212)  
}
```

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, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 247, 212) }
```

Border

The CSS property to change the border of an element to Yxy 86.1804, 0.3148, 0.3663 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, 247, 212) }
```

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

```
.border{ border-color:rgb(218, 247, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 247, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(218, 247,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1804, 0.3148, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 247, 212) }
```

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

```
.background{ background-color: rgb(218,  
247, 212) }
```

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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