

Converting Colors

$Yxy(86.7720, 0.3093, 0.3714)$

Have a look what the booklet for
Yxy(86.7720, 0.3093, 0.3714)
contains.

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Color

Yxy(86.6297, 0.3095, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	D1FAD3
RGB	209, 250, 211
RGB Percent	82%, 98%, 83%
CMY	0.1802, 0.0196, 0.1724
CMYK	0.16, 0.00, 0.16, 0.02
HSL	123°, 80%, 90%
HSV	123°, 16%, 98%
XYZ	72.2498, 86.6297, 74.5608
YIQ	233.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

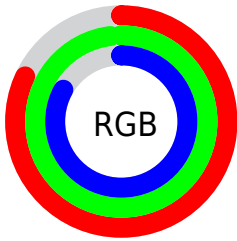
Format	Color
R_{YB}	209, 248, 250
Decimal	13761235
CIE _{Lab}	94.58, -20.32, 14.37
CIE _{LCh}	95, 24.891, 144.731
Yxy	86.6297, 0.3095, 0.3711
Android (android.graphics.Color)	4291951315 (0xFFD1FAD3)
YUV	233.2950, -10.9914, -21.3067
Hunter-Lab	93.0751, -24.3203, 17.6564

Details

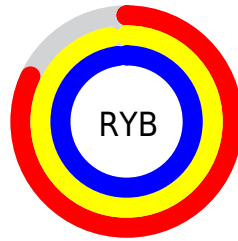
The Yxy color **86.6297, 0.3095, 0.3711** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.7225, 0.3160, 0.2902**, and the grayscale version is **81.8195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4103, 0.3087, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **82.1612, 0.3074, 0.4012**, and if you desaturate by 10%, it is **91.8543, 0.3115, 0.3443**.

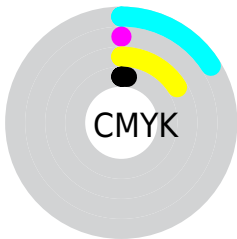
Distribution



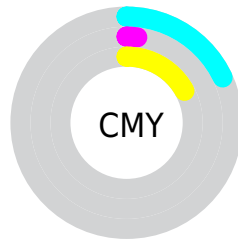
- Red (82%)
- Green (98%)
- Blue (83%)



- Red (82%)
- Yellow (97%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (18%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.6297, 0.3095, 0.3711 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 86.6297, 0.3095, 0.3711 by changing the saturation by 10% instead.


 86.6297, 0.3095,
0.3711

 86.6297, 0.3095,
0.3711


517.0053, 0.3112,
0.3517

 65.1888, 0.3091,
0.3755


142.6479, 0.3101,
0.3644

 47.6142, 0.3085,
0.3810

177.9940, 0.3104,
0.3617

 33.5215, 0.3077,
0.3879


218.7439, 0.3106,
0.3595

 22.5262, 0.3066,
0.3969

265.2821, 0.3107,
0.3575

 14.2441, 0.3050,
0.4092

317.9930, 0.3109,
0.3558

 8.2906, 0.3025,
0.4268


377.2608, 0.3110,


 4.2815, 0.2979,


0.3543


0.4540


443.4702, 0.3111,
0.3529

 1.8322, 0.2896,
0.5035


 0.5071, 0.0000,
1.0000


 86.6297, 0.3095,
0.3711


 86.6297, 0.3095,
0.3711


 82.1612, 0.3074,
0.4012

 91.8543, 0.3115,
0.3443

 78.4034, 0.3053,
0.4340

 96.8470, 0.3129,
0.3242

 75.3230, 0.3032,
0.4687

 72.8795, 0.3014,
0.5034

■ 71.0285, 0.3001,
0.5358

■ 69.7195, 0.2992,
0.5632

■ 68.8938, 0.2990,
0.5835

■ 68.4786, 0.2994,
0.5954

■ 68.3939, 0.2994,
0.5979

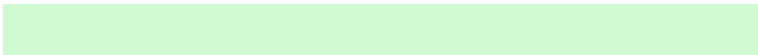
Harmonies

Analogous

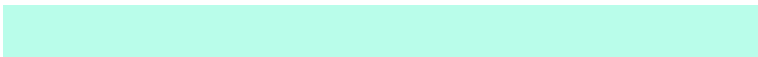
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6297, 0.3376, 0.3795



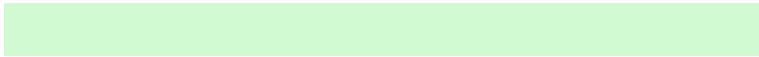
86.6297, 0.3095, 0.3711



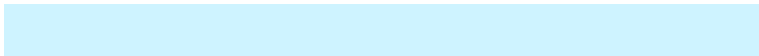
86.6297, 0.2831, 0.3497

Triad

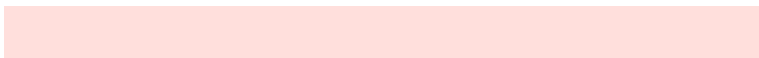
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6297, 0.3095, 0.3711



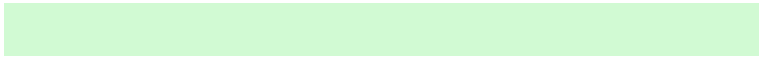
86.6297, 0.2671, 0.2851



86.6297, 0.3626, 0.3320

Complementary

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



86.6297, 0.3095, 0.3711



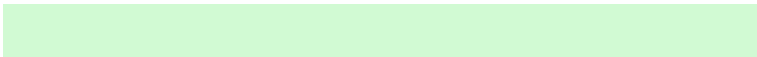
72.7225, 0.3160, 0.2902

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.



86.6297, 0.3421, 0.3091



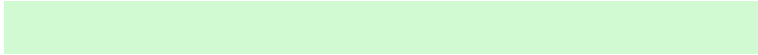
86.6297, 0.3095, 0.3711



86.6297, 0.2866, 0.2826

Square

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



86.6297, 0.3095, 0.3711



86.6297, 0.2594, 0.2992



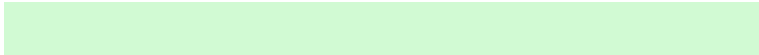
86.6297, 0.3140, 0.2914



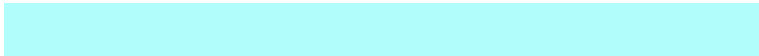
86.6297, 0.3691, 0.3552

Rectangle

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



86.6297, 0.3095, 0.3711



86.6297, 0.2699, 0.3317



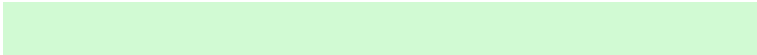
86.6297, 0.3140, 0.2914



86.6297, 0.3571, 0.3241

Sweetspot

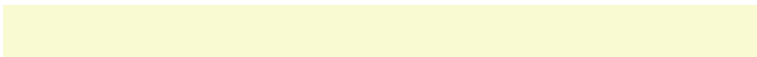
The Sweet Spot groups the original color and five complimentary colors.



86.6334, 0.3095, 0.3711



96.9047, 0.3118, 0.3409



93.0441, 0.3365, 0.3699



20.6520, 0.3116, 0.3427



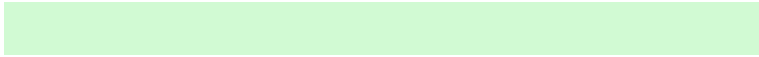
0.0000, 0.0000, 0.0000



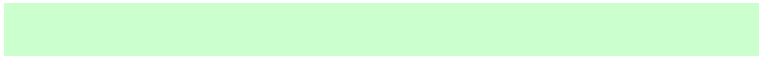
21.4041, 0.3127, 0.3290

Same Dimension

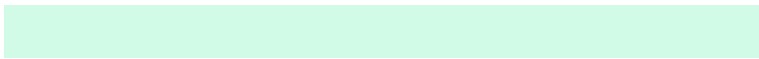
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6334, 0.3095, 0.3711



88.8368, 0.3087, 0.3817



87.6916, 0.2983, 0.3493



19.3229, 0.3109, 0.3523



36.2863, 0.2992, 0.5970



3.3654, 0.2971, 0.5897

Inverse Universe

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



72.7225, 0.3160, 0.2902



71.5072, 0.3168, 0.2814



71.5549, 0.3300, 0.3096



17.5092, 0.3146, 0.3067



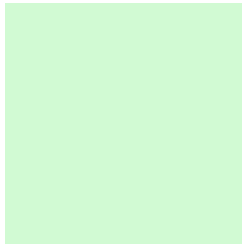
14.0569, 0.3335, 0.1611



1.3063, 0.3318, 0.1602

Previews

White Background



This preview shows how the Yxy color 86.6297, 0.3095, 0.3711 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 86.6297, 0.3095, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

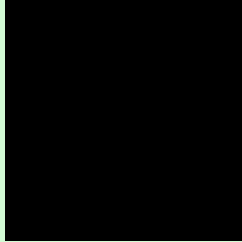
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

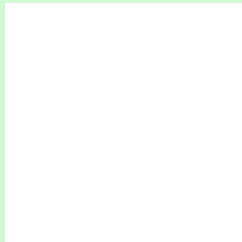
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.6297, 0.3095, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 86.6297, 0.3095, 0.3711.

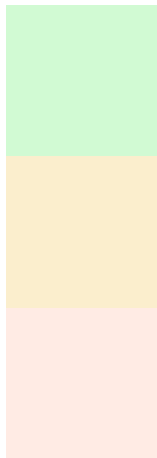


This preview shows how white text looks on a background with the Yxy color 86.6297, 0.3095, 0.3711.

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

86.6297, 0.3095, 0.3711

Protanopia

86.0661, 0.3426, 0.3623

Deuteranopia

86.2781, 0.3308, 0.3360



Tritanopia

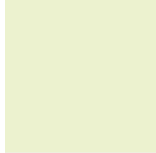
86.7318, 0.2944, 0.3158

Trichromacy



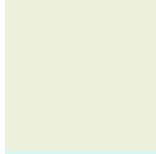
Original Color

86.6297, 0.3095, 0.3711



Protanomaly

85.8421, 0.3303, 0.3653



Deuteranomaly

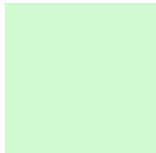
85.7712, 0.3225, 0.3475



Tritanomaly

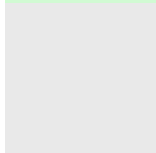
86.5969, 0.2998, 0.3352

Monochromacy



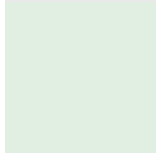
Original Color

86.6297, 0.3095, 0.3711



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.0165, 0.3114, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.6297, 0.3095, 0.3711 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(209, 250, 211)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 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(209, 250, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 211) }
```

Border

The CSS property to change the border of an element to Yxy 86.6297, 0.3095, 0.3711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

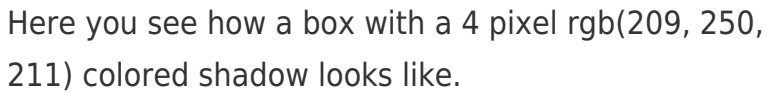
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 250, 211) }
```

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

```
.border{ border-color:rgb(209, 250, 211) }
```

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



Here you see how a box with a 4 pixel rgb(209, 250, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 86.6297, 0.3095, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 211) }
```

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

```
.background{ background-color: rgb(209,  
250, 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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