

Converting Colors

$Yxy(86.2770, 0.3075, 0.3497)$

Have a look what the booklet for
Yxy(86.2770, 0.3075, 0.3497)
contains.

Yxy(86.4626, 0.3073, 0.3501)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(86.4626, 0.3073, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	DBF6E2
RGB	219, 246, 226
RGB Percent	86%, 96%, 89%
CMY	0.1412, 0.0353, 0.1139
CMYK	0.11, 0.00, 0.08, 0.04
HSL	135°, 60%, 91%
HSV	135°, 11%, 96%
XYZ	75.8925, 86.4626, 84.6104
YIQ	235.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

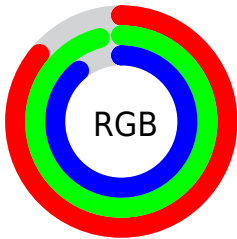
Format	Color
R _Y B	219, 240, 246
Decimal	14415586
CIE Lab	94.51, -12.47, 6.66
CIE LCh	95, 14.139, 151.894
Yxy	86.4626, 0.3073, 0.3501
Android (android.graphics.Color)	4292605666 (0xFFDBF6E2)
YUV	235.6470, -4.7560, -14.5994
Hunter-Lab	92.9853, -17.0365, 11.1398

Details

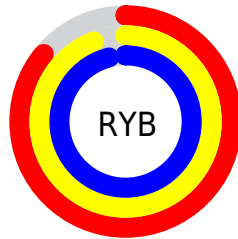
The Yxy color **86.4626, 0.3073, 0.3501** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4944, 0.3186, 0.3088**, and the grayscale version is **83.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6597, 0.3058, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **81.9787, 0.3024, 0.3719**, and if you desaturate by 10%, it is **91.6245, 0.3122, 0.3308**.

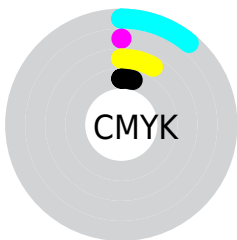
Distribution



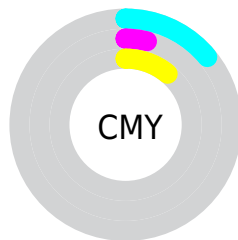
- Red (86%)
- Green (96%)
- Blue (89%)



- Red (86%)
- Yellow (94%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)





- Cyan (14%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4626, 0.3073, 0.3501 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 86.4626, 0.3073, 0.3501 by changing the saturation by 10% instead.


 86.4626, 0.3073,
0.3501

 86.4626, 0.3073,
0.3501


516.4553, 0.3098,
0.3405

 65.0506, 0.3067,
0.3523


142.4149, 0.3082,
0.3468

 47.5021, 0.3060,
0.3549


177.7239, 0.3085,
0.3455

 33.4328, 0.3051,
0.3583

218.4340, 0.3088,
0.3444

 22.4582, 0.3040,
0.3626

264.9297, 0.3091,
0.3434

 14.1939, 0.3024,
0.3685

317.5952, 0.3093,
0.3425

 8.2557, 0.3000,
0.3768

376.8151, 0.3095,

 4.2590, 0.2964,

0.3418

0.3895

442.9737, 0.3097,
0.3411

■ 1.8195, 0.2900,
0.4115

■ 0.4993, 0.2276,
0.6681

■ 86.4626, 0.3073,
0.3501

■ 86.4626, 0.3073,
0.3501

■ 81.9787, 0.3024,
0.3719

■ 91.6245, 0.3122,
0.3308

■ 78.1338, 0.2977,
0.3961

■ 94.3969, 0.3131,
0.3204

■ 74.9016, 0.2936,
0.4225

■ 72.2497, 0.2901,
0.4505

■ 70.1428, 0.2878,
0.4792

■ 68.5413, 0.2868,
0.5072

■ 67.4004, 0.2874,
0.5332

■ 66.6667, 0.2895,
0.5556

■ 66.2799, 0.2922,
0.5718

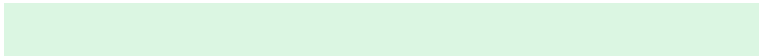
Harmonies

Analogous

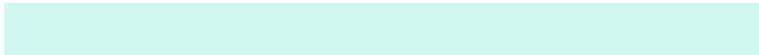
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4626, 0.3235, 0.3569



86.4626, 0.3073, 0.3501



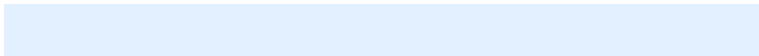
86.4626, 0.2928, 0.3372

Triad

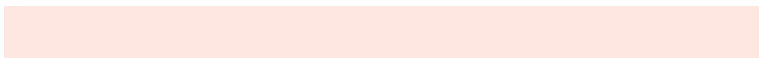
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4626, 0.3073, 0.3501



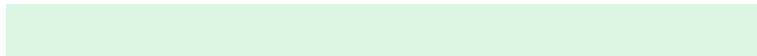
86.4626, 0.2886, 0.3028



86.4626, 0.3425, 0.3345

Complementary

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



86.4626, 0.3073, 0.3501



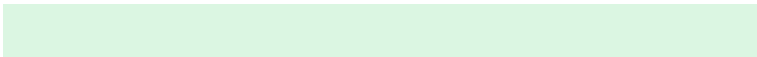
76.4944, 0.3186, 0.3088

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.



86.4626, 0.3327, 0.3207



86.4626, 0.3073, 0.3501



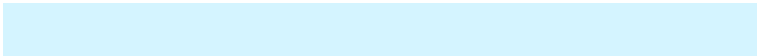
86.4626, 0.3014, 0.3027

Square

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



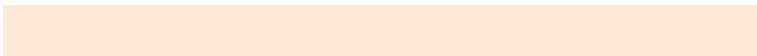
86.4626, 0.3073, 0.3501



86.4626, 0.2823, 0.3098



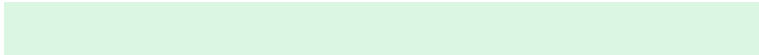
86.4626, 0.3176, 0.3092



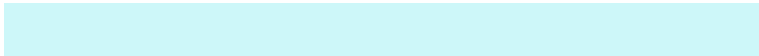
86.4626, 0.3441, 0.3473

Rectangle

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



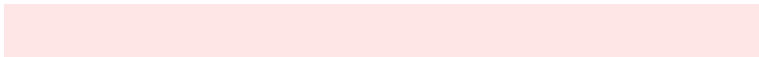
86.4626, 0.3073, 0.3501



86.4626, 0.2860, 0.3272



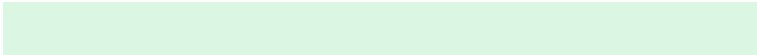
86.4626, 0.3176, 0.3092



86.4626, 0.3401, 0.3298

Sweetspot

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



86.4663, 0.3073, 0.3501



98.2174, 0.3112, 0.3345



89.4271, 0.3246, 0.3565



20.9231, 0.3108, 0.3360



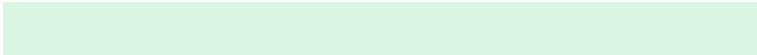
0.0000, 0.0000, 0.0000



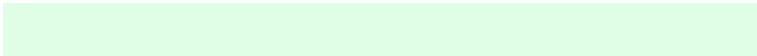
21.4041, 0.3127, 0.3290

Same Dimension

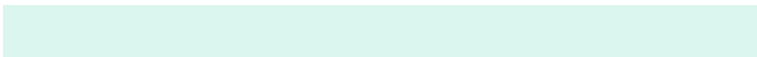
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4663, 0.3073, 0.3501



92.7610, 0.3063, 0.3544



87.2247, 0.2996, 0.3360



18.5421, 0.3080, 0.3471



35.3940, 0.2914, 0.5692



3.1269, 0.2848, 0.5454

Inverse Universe

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



76.4944, 0.3186, 0.3088



80.1051, 0.3198, 0.3049



75.7368, 0.3277, 0.3221



16.6911, 0.3177, 0.3116



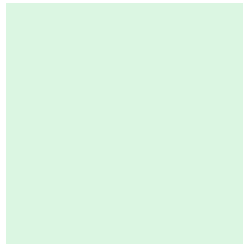
12.2986, 0.3990, 0.1972



1.0976, 0.3871, 0.1906

Previews

White Background



This preview shows how the Yxy color 86.4626, 0.3073, 0.3501 looks on a white background.

Color Contrast Check

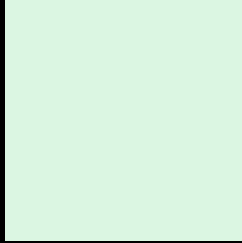
Large Text (above 18pt) WCAG AA × Fail

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 86.4626, 0.3073, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

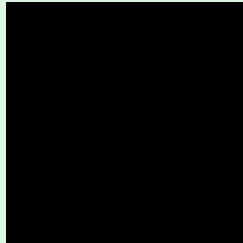
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

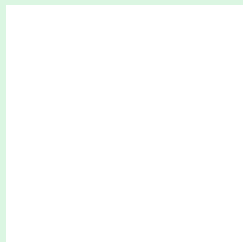
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4626, 0.3073, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 86.4626, 0.3073, 0.3501.

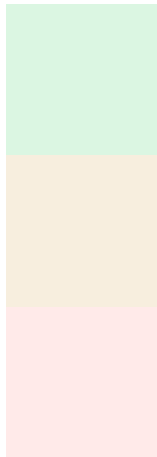


This preview shows how white text looks on a background with the Yxy color 86.4626, 0.3073, 0.3501.

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

86.4626, 0.3073, 0.3501

Protanopia

86.1972, 0.3288, 0.3452

Deuteranopia

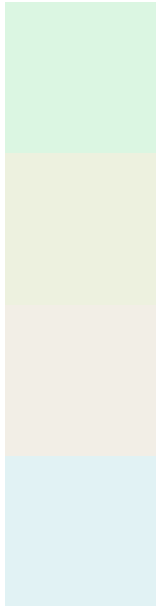
85.9888, 0.3277, 0.3300



Tritanopia

86.0342, 0.2962, 0.3138

Trichromacy



Original Color

86.4626, 0.3073, 0.3501

Protanomaly

86.2428, 0.3211, 0.3475

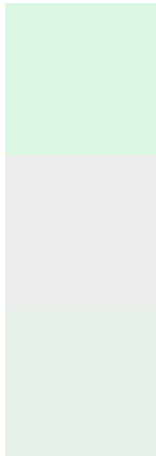
Deuteranomaly

85.7395, 0.3203, 0.3371

Tritanomaly

86.0435, 0.3007, 0.3269

Monochromacy



Original Color

86.4626, 0.3073, 0.3501

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.9694, 0.3110, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4626, 0.3073, 0.3501 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(219, 246, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 226)  
}
```

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(219, 246, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 226) }
```

Border

The CSS property to change the border of an element to Yxy 86.4626, 0.3073, 0.3501 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(219, 246, 226) }
```

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

```
.border{ border-color:rgb(219, 246, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 246, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 246, 226); box-shadow:4px 4px 4px 4px rgb(219, 246, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4626, 0.3073, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 226) }
```

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

```
.background{ background-color: rgb(219,  
246, 226) }
```

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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