

Converting Colors

Yxy(86.3941, 0.2942, 0.3668)

Have a look what the booklet for
Yxy(86.3941, 0.2942, 0.3668)
contains.

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Color

Yxy(86.4414, 0.2942, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	BFFDDB
RGB	191, 253, 219
RGB Percent	75%, 99%, 86%
CMY	0.2511, 0.0078, 0.1413
CMYK	0.25, 0.00, 0.13, 0.01
HSL	147°, 94%, 87%
HSV	147°, 25%, 99%
XYZ	69.3890, 86.4414, 80.0261
YIQ	230.5860, -26.0380, -23.7180

Conversions

Conversions Part 2

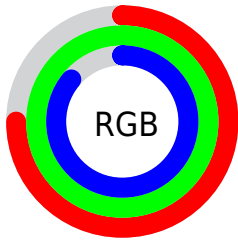
Format	Color
RYB	191, 234, 253
Decimal	12582363
CIELab	94.50, -26.08, 10.03
CIElCh	95, 27.942, 158.968
Yxy	86.4414, 0.2942, 0.3665
Android (android.graphics.Color)	4290772443 (0xFFBFFDDB)
YUV	230.5860, -5.7119, -34.7169
Hunter-Lab	92.9739, -29.4848, 14.0486

Details

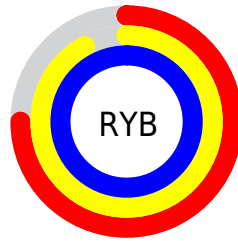
The Yxy color **86.4414, 0.2942, 0.3665** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5720, 0.3367, 0.2943**, and the grayscale version is **79.6420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **47.3944, 0.2897, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **82.7428, 0.2874, 0.3847**, and if you desaturate by 10%, it is **90.7748, 0.3016, 0.3500**.

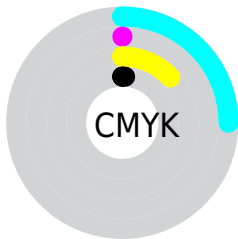
Distribution



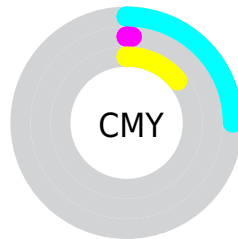
- Red (75%)
- Green (99%)
- Blue (86%)



- Red (75%)
- Yellow (92%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)




- Cyan (25%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4414, 0.2942, 0.3665 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 86.4414, 0.2942, 0.3665 by changing the saturation by 10% instead.

 86.4414, 0.2942,
0.3665

 86.4414, 0.2942,
0.3665


516.3856, 0.3027,
0.3492

 65.0330, 0.2923,
0.3704

 142.3853, 0.2972,
0.3605

 47.4879, 0.2899,
0.3753


177.6896, 0.2983,
0.3582

 33.4215, 0.2868,
0.3815


218.3947, 0.2993,
0.3562

 22.4495, 0.2829,
0.3895

264.8850, 0.3002,
0.3544

 14.1876, 0.2775,
0.4005

317.5448, 0.3009,
0.3529

 8.2512, 0.2698,
0.4162

376.7585, 0.3016,

 4.2561, 0.2578,

0.3515

442.9107, 0.3022,
0.3503

0.4408

1.8178, 0.2369,
0.4838

0.4983, 0.0000,
1.0000

86.4414, 0.2942,
0.3665

86.4414, 0.2942,
0.3665

82.7428, 0.2874,
0.3847

90.7748, 0.3016,
0.3500

79.6375, 0.2815,
0.4044

95.7605, 0.3092,
0.3352

77.0960, 0.2768,
0.4253

98.7390, 0.3128,
0.3271

75.0814, 0.2737,
0.4470

■ 73.5527, 0.2724,
0.4688

■ 72.4621, 0.2731,
0.4900

■ 71.7515, 0.2758,
0.5099

■ 71.4783, 0.2778,
0.5202

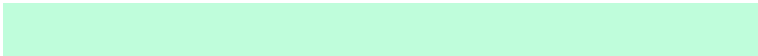
Harmonies

Analogous

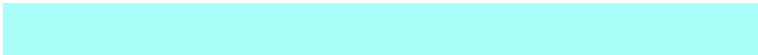
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.4414, 0.3258, 0.3837



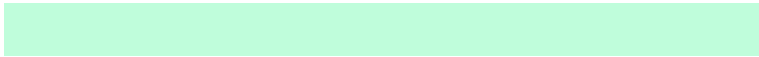
86.4414, 0.2942, 0.3665



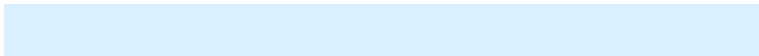
86.4414, 0.2685, 0.3379

Triad

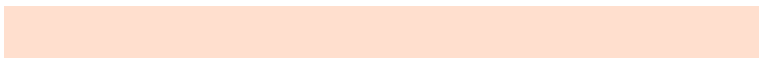
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4414, 0.2942, 0.3665



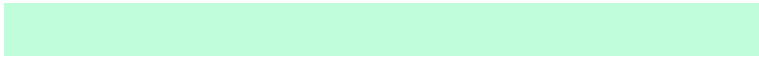
86.4414, 0.2705, 0.2770



86.4414, 0.3745, 0.3447

Complementary

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



86.4414, 0.2942, 0.3665



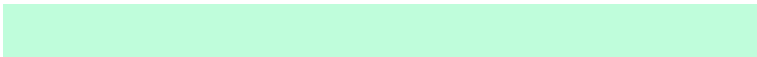
63.5720, 0.3367, 0.2943

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.



86.4414, 0.3583, 0.3183



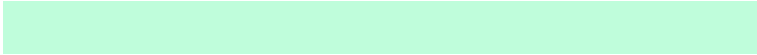
86.4414, 0.2942, 0.3665



86.4414, 0.2972, 0.2805

Square

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



86.4414, 0.2942, 0.3665



86.4414, 0.2554, 0.2864



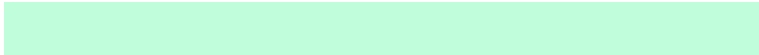
86.4414, 0.3295, 0.2954



86.4414, 0.3731, 0.3687

Rectangle

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



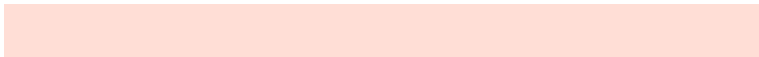
86.4414, 0.2942, 0.3665



86.4414, 0.2577, 0.3175



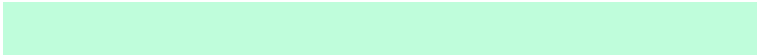
86.4414, 0.3295, 0.2954



86.4414, 0.3710, 0.3359

Sweetspot

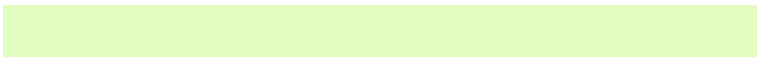
The Sweet Spot groups the original color and five complimentary colors.



86.4450, 0.2942, 0.3665



96.1555, 0.3073, 0.3387



90.0423, 0.3312, 0.3944



20.5137, 0.3068, 0.3395



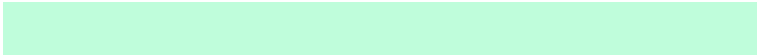
0.0000, 0.0000, 0.0000



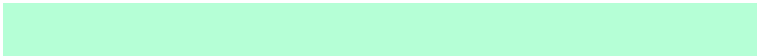
21.4041, 0.3127, 0.3290

Same Dimension

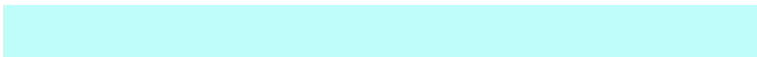
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4450, 0.2942, 0.3665



86.2266, 0.2911, 0.3745



88.2285, 0.2781, 0.3322



20.3045, 0.3054, 0.3423



38.0478, 0.2770, 0.5172



3.7262, 0.2709, 0.4952

Inverse Universe

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



63.5720, 0.3367, 0.2943



59.5819, 0.3424, 0.2877



62.0335, 0.3619, 0.3259



18.1539, 0.3208, 0.3160



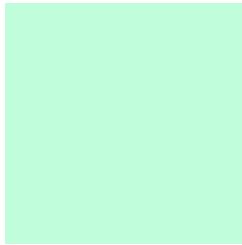
12.1273, 0.4758, 0.2395



1.2028, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 86.4414, 0.2942, 0.3665 looks on a white background.

Color Contrast Check

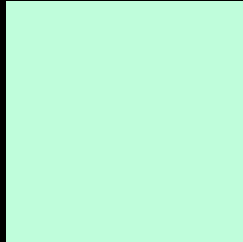
Large Text (above 18pt) WCAG AA × Fail

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 86.4414, 0.2942, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

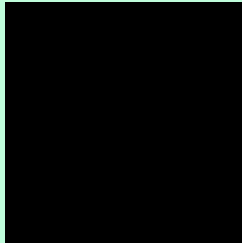
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.4414, 0.2942, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 86.4414, 0.2942, 0.3665.

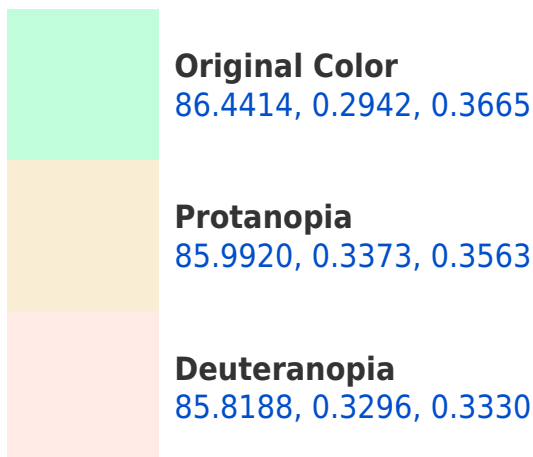


This preview shows how white text looks on a background with the Yxy color 86.4414, 0.2942, 0.3665.

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





Tritanopia

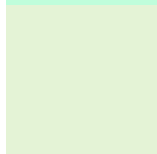
86.0729, 0.2895, 0.3166

Trichromacy



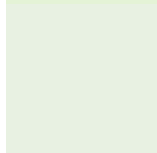
Original Color

86.4414, 0.2942, 0.3665



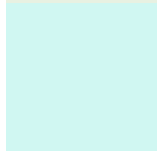
Protanomaly

85.4502, 0.3205, 0.3594



Deuteranomaly

85.5574, 0.3159, 0.3445



Tritanomaly

86.3422, 0.2915, 0.3342

Monochromacy



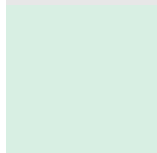
Original Color

86.4414, 0.2942, 0.3665



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.8780, 0.3049, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4414, 0.2942, 0.3665 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(191, 253, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 253, 219)  
}
```

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(191, 253, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 253, 219) }
```

Border

The CSS property to change the border of an element to Yxy 86.4414, 0.2942, 0.3665 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(191, 253, 219) }
```

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

```
.border{ border-color:rgb(191, 253, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 253, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 253, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 253, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 253,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4414, 0.2942, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 253, 219) }
```

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

```
.background{ background-color: rgb(191,  
253, 219) }
```

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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