

Converting Colors

Yxy(87.4408, 0.3016, 0.3608)

Have a look what the booklet for
Yxy(87.4408, 0.3016, 0.3608)
contains.

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Color

Yxy(87.3901, 0.3014, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	CEFBDE
RGB	206, 251, 222
RGB Percent	81%, 98%, 87%
CMY	0.1923, 0.0156, 0.1295
CMYK	0.18, 0.00, 0.12, 0.02
HSL	141°, 85%, 90%
HSV	141°, 18%, 98%
XYZ	73.1243, 87.3901, 82.1011
YIQ	234.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

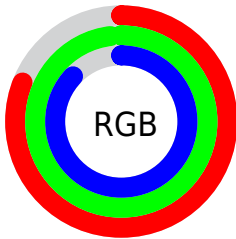
Format	Color
RYB	206, 239, 251
Decimal	13564894
CIELab	94.90, -19.88, 9.18
CIElCh	95, 21.894, 155.222
Yxy	87.3901, 0.3014, 0.3602
Android (android.graphics.Color)	4291754974 (0xFFCEFBDE)
YUV	234.2390, -6.0338, -24.7656
Hunter-Lab	93.4827, -23.9678, 13.3665

Details

The Yxy color **87.3901, 0.3014, 0.3602** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.6351, 0.3261, 0.2997**, and the grayscale version is **82.5221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.9529, 0.2985, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **83.2579, 0.2954, 0.3805**, and if you desaturate by 10%, it is **92.1866, 0.3077, 0.3420**.

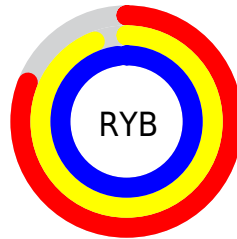
Distribution



Red (81%)

Green (98%)

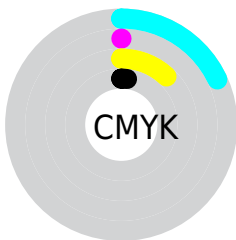
Blue (87%)



Red (81%)

Yellow (94%)

Blue (98%)

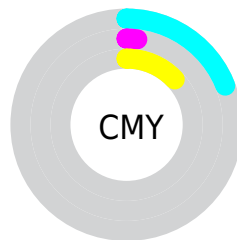


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (2%)



Cyan (19%)


Magenta (2%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.3901, 0.3014, 0.3602 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 87.3901, 0.3014, 0.3602 by changing the saturation by 10% instead.

 87.3901, 0.3014,
0.3602

 87.3901, 0.3014,
0.3602


519.5039, 0.3066,
0.3459

 65.8181, 0.3002,
0.3634

143.7077, 0.3032,
0.3553

 48.1247, 0.2987,
0.3674


179.2222, 0.3039,
0.3533

 33.9257, 0.2969,
0.3725

220.1528, 0.3045,
0.3517

 22.8365, 0.2944,
0.3790

266.8842, 0.3051,
0.3502

 14.4728, 0.2911,
0.3879

319.8005, 0.3055,
0.3489

 8.4503, 0.2863,
0.4005


379.2864, 0.3059,


 4.3844, 0.2789,


0.3478


0.4201


445.7260, 0.3063,
0.3468


 1.8908, 0.2657,
0.4539

 0.5429, 0.0535,
0.9465


 87.3901, 0.3014,
0.3602


 87.3901, 0.3014,
0.3602


 83.2579, 0.2954,
0.3805


 92.1866, 0.3077,
0.3420


 79.7495, 0.2899,
0.4027


 97.4422, 0.3133,
0.3258


 76.8367, 0.2854,
0.4266

 97.4849, 0.3129,
0.3252

 74.4847, 0.2820,
0.4516

 72.6553, 0.2801,
0.4770

 71.3049, 0.2800,
0.5017

 70.3825, 0.2817,
0.5247

 69.8201, 0.2850,
0.5449

 69.7297, 0.2857,
0.5487

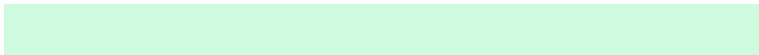
Harmonies

Analogous

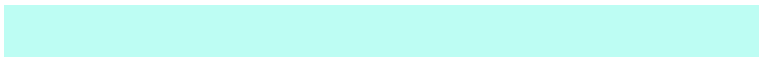
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3901, 0.3263, 0.3720



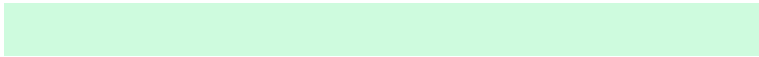
87.3901, 0.3014, 0.3602



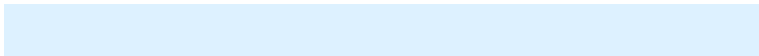
87.3901, 0.2801, 0.3390

Triad

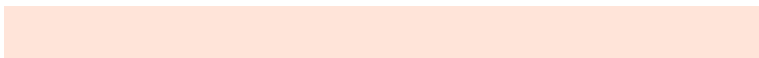
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3901, 0.3014, 0.3602



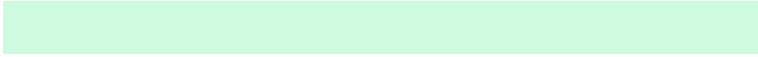
87.3901, 0.2775, 0.2884



87.3901, 0.3599, 0.3392

Complementary

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



87.3901, 0.3014, 0.3602



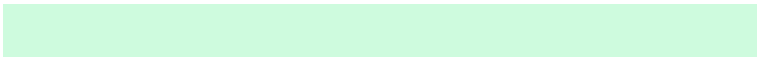
70.6351, 0.3261, 0.2997

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.



87.3901, 0.3458, 0.3183



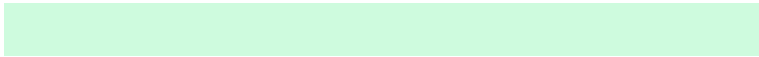
87.3901, 0.3014, 0.3602



87.3901, 0.2978, 0.2897

Square

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



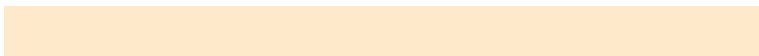
87.3901, 0.3014, 0.3602



87.3901, 0.2668, 0.2975



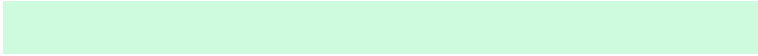
87.3901, 0.3228, 0.3005



87.3901, 0.3607, 0.3585

Rectangle

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



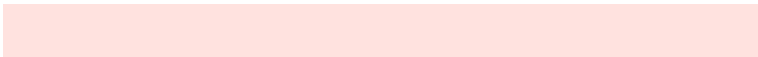
87.3901, 0.3014, 0.3602



87.3901, 0.2706, 0.3233



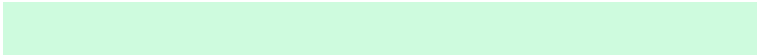
87.3901, 0.3228, 0.3005



87.3901, 0.3566, 0.3322

Sweetspot

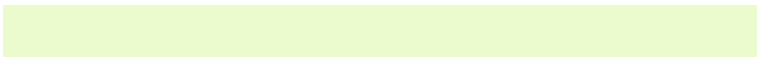
The Sweet Spot groups the original color and five complimentary colors.



87.3938, 0.3014, 0.3602



97.1434, 0.3095, 0.3370



91.1637, 0.3293, 0.3753



20.7099, 0.3091, 0.3382



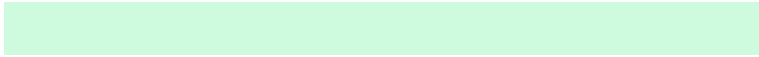
0.0000, 0.0000, 0.0000



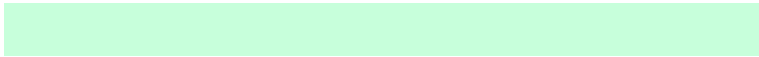
21.4041, 0.3127, 0.3290

Same Dimension

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



87.3938, 0.3014, 0.3602



88.7543, 0.2989, 0.3682



88.6687, 0.2892, 0.3360



19.4111, 0.3067, 0.3447



36.6722, 0.2849, 0.5456



3.4158, 0.2783, 0.5217

Inverse Universe

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



70.6351, 0.3261, 0.2997



68.0627, 0.3297, 0.2928



69.4265, 0.3425, 0.3221



17.4137, 0.3193, 0.3138



12.1767, 0.4362, 0.2177



1.1480, 0.4188, 0.2081

Previews

White Background



This preview shows how the Yxy color 87.3901, 0.3014, 0.3602 looks on a white background.

Color Contrast Check

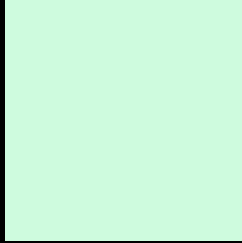
Large Text (above 18pt) WCAG AA × Fail

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 87.3901, 0.3014, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

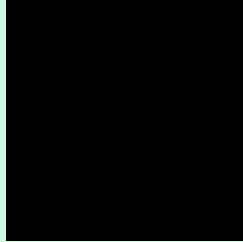
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

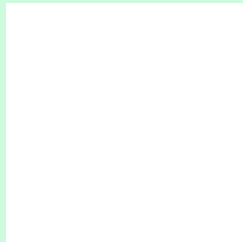
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.3901, 0.3014, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 87.3901, 0.3014, 0.3602.

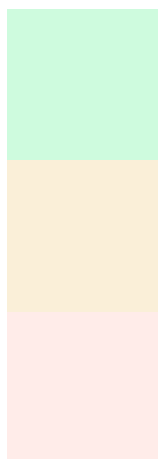


This preview shows how white text looks on a background with the Yxy color 87.3901, 0.3014, 0.3602.

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

87.3901, 0.3014, 0.3602

Protanopia

87.0149, 0.3346, 0.3521

Deuteranopia

87.1341, 0.3275, 0.3320



Tritanopia

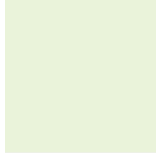
87.1685, 0.2938, 0.3168

Trichromacy



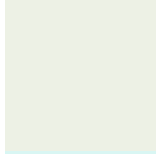
Original Color

87.3901, 0.3014, 0.3602



Protanomaly

86.6556, 0.3220, 0.3548



Deuteranomaly

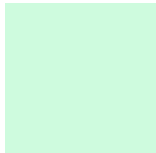
86.5723, 0.3174, 0.3413



Tritanomaly

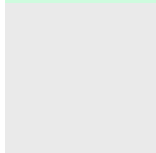
87.1343, 0.2963, 0.3321

Monochromacy



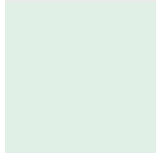
Original Color

87.3901, 0.3014, 0.3602



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

83.8806, 0.3083, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.3901, 0.3014, 0.3602 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(206, 251, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 251, 222)  
}
```

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(206, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 251, 222) }
```

Border

The CSS property to change the border of an element to Yxy 87.3901, 0.3014, 0.3602 is called "border". The border property can be set on classes, ids or directly on the HTML element.

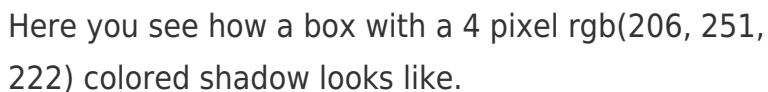
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 251, 222) }
```

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

```
.border{ border-color:rgb(206, 251, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 251, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 251, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 251, 222); box-shadow:4px 4px 4px 4px rgb(206, 251, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 87.3901, 0.3014, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 251, 222) }
```

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

```
.background{ background-color: rgb(206,  
251, 222) }
```

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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