

Converting Colors

Yxy(87.6183, 0.3098, 0.3940)

Have a look what the booklet for
Yxy(87.6183, 0.3098, 0.3940)
contains.

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Color

Yxy(87.4215, 0.3097, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFC5
RGB	197, 255, 197
RGB Percent	77%, 100%, 77%
CMY	0.2276, 0.0000, 0.2275
CMYK	0.23, 0.00, 0.23, 0.00
HSL	120°, 100%, 89%
HSV	120°, 23%, 100%
XYZ	68.8567, 87.4215, 66.0553
YIQ	231.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

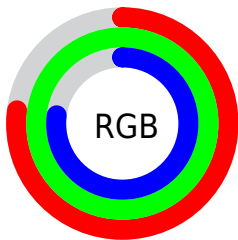
Format	Color
RYB	197, 255, 255
Decimal	12976069
CIELab	94.92, -29.03, 21.93
CIElCh	95, 36.379, 142.933
Yxy	87.4215, 0.3097, 0.3932
Android (android.graphics.Color)	4291166149 (0xFFC5FFC5)
YUV	231.0460, -16.7847, -29.8583
Hunter-Lab	93.4995, -32.1697, 23.5626

Details

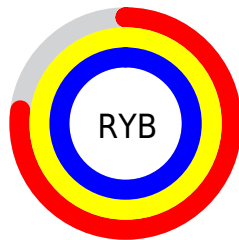
The Yxy color **87.4215, 0.3097, 0.3932** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.4002, 0.3154, 0.2722**, and the grayscale version is **80.0748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7466, 0.3127, 0.3300**, and **48.1221, 0.3082, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **83.1900, 0.3081, 0.4268**, and if you desaturate by 10%, it is **92.4241, 0.3111, 0.3627**.

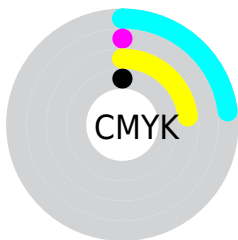
Distribution



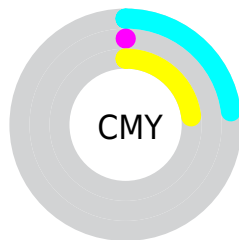
- Red (77%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.4215, 0.3097, 0.3932 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 87.4215, 0.3097, 0.3932 by changing the saturation by 10% instead.

 87.4215, 0.3097,
0.3932

 87.4215, 0.3097,
0.3932

519.6069, 0.3117,
0.3632

 65.8441, 0.3091,
0.4001


143.7515, 0.3105,
0.3828

 48.1458, 0.3083,
0.4086


179.2729, 0.3108,
0.3787

 33.9424, 0.3072,
0.4194


220.2110, 0.3110,
0.3752

 22.8493, 0.3055,
0.4336

266.9503, 0.3112,
0.3722

 14.4823, 0.3029,
0.4529

319.8751, 0.3114,
0.3696

 8.4569, 0.2985,
0.4806


379.3699, 0.3115,


 4.3887, 0.2900,


0.3672


0.5234


445.8190, 0.3116,
0.3651

 1.8933, 0.2852,
0.6270


 0.5443, 0.0000,
1.0000


 87.4215, 0.3097,
0.3932


 87.4215, 0.3097,
0.3932


 83.1900, 0.3081,
0.4268

 92.4241, 0.3111,
0.3627

 79.7035, 0.3064,
0.4626

 98.2474, 0.3124,
0.3358

 76.9150, 0.3047,
0.4988

 100.0000, 0.3127,
0.3290

 74.7776, 0.3031,
0.5328

■ 73.2385, 0.3018,
0.5619

■ 72.2367, 0.3008,
0.5833

■ 71.6985, 0.3002,
0.5957

■ 71.5201, 0.3000,
0.6000

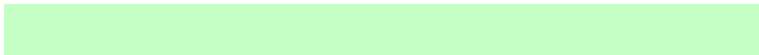
Harmonies

Analogous

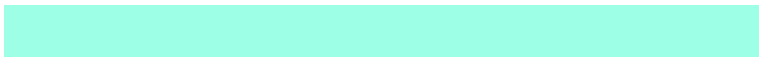
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4215, 0.3503, 0.4033



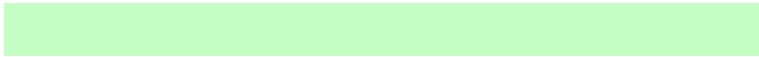
87.4215, 0.3097, 0.3932



87.4215, 0.2716, 0.3616

Triad

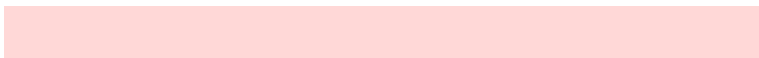
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4215, 0.3097, 0.3932



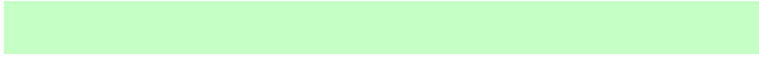
87.4215, 0.2462, 0.2664



87.4215, 0.3845, 0.3302

Complementary

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



87.4215, 0.3097, 0.3932



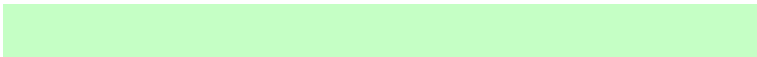
68.4002, 0.3154, 0.2722

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.



87.4215, 0.3530, 0.2985



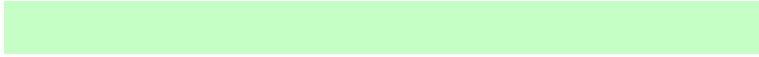
87.4215, 0.3097, 0.3932



87.4215, 0.2727, 0.2628

Square

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



87.4215, 0.3097, 0.3932



87.4215, 0.2366, 0.2866



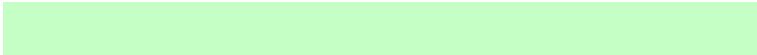
87.4215, 0.3114, 0.2746



87.4215, 0.3951, 0.3634

Rectangle

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



87.4215, 0.3097, 0.3932



87.4215, 0.2524, 0.3346



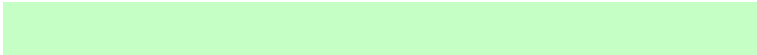
87.4215, 0.3114, 0.2746



87.4215, 0.3759, 0.3191

Sweetspot

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



87.4171, 0.3097, 0.3932



95.6737, 0.3119, 0.3468



96.8100, 0.3472, 0.3860



20.4024, 0.3118, 0.3484



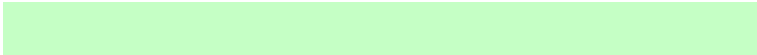
0.0000, 0.0000, 0.0000



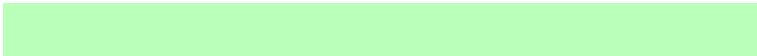
21.4041, 0.3127, 0.3290

Same Dimension

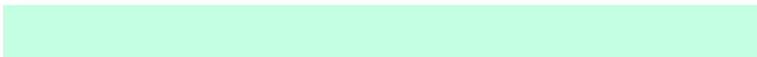
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4171, 0.3097, 0.3932



85.5298, 0.3090, 0.4071



88.8770, 0.2939, 0.3603



20.1682, 0.3116, 0.3536



37.3708, 0.3000, 0.6000



3.6387, 0.3000, 0.6000

Inverse Universe

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



68.4002, 0.3154, 0.2722



63.6605, 0.3159, 0.2616



66.6709, 0.3368, 0.2997



18.3004, 0.3138, 0.3056



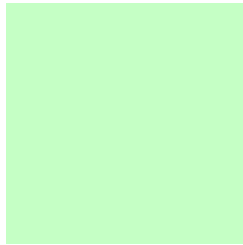
14.8804, 0.3209, 0.1542



1.4489, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 87.4215, 0.3097, 0.3932 looks on a white background.

Color Contrast Check

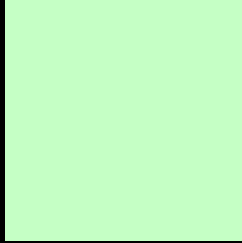
Large Text (above 18pt) WCAG AA × Fail

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 87.4215, 0.3097, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

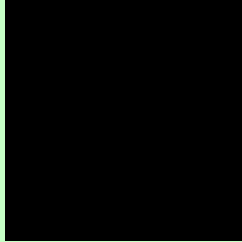
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

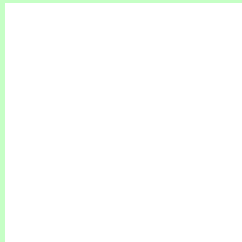
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.4215, 0.3097, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 87.4215, 0.3097, 0.3932.

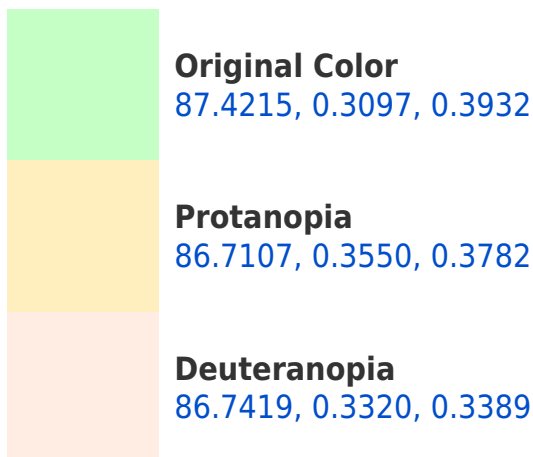


This preview shows how white text looks on a background with the Yxy color 87.4215, 0.3097, 0.3932.

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

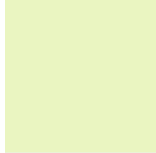
86.8508, 0.2926, 0.3167

Trichromacy



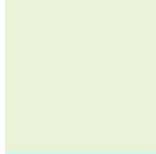
Original Color

87.4215, 0.3097, 0.3932



Protanomaly

86.6475, 0.3372, 0.3834



Deuteranomaly

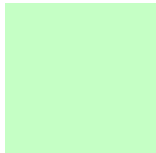
86.4999, 0.3239, 0.3580



Tritanomaly

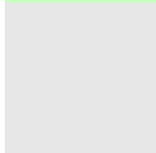
86.6082, 0.2989, 0.3427

Monochromacy



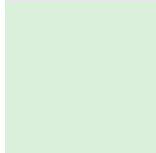
Original Color

87.4215, 0.3097, 0.3932



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.4947, 0.3117, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.4215, 0.3097, 0.3932 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(197, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 197)  
}
```

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(197, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 197) }
```

Border

The CSS property to change the border of an element to Yxy 87.4215, 0.3097, 0.3932 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(197, 255, 197) }
```

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

```
.border{ border-color:rgb(197, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 255, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 255, 197); box-shadow:4px 4px 4px 4px rgb(197, 255, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 87.4215, 0.3097, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 197) }
```

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

```
.background{ background-color: rgb(197,  
255, 197) }
```

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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