

Converting Colors

Yxy(87.0623, 0.3120, 0.3993)

Have a look what the booklet for
Yxy(87.0623, 0.3120, 0.3993)
contains.

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Color

Yxy(87.0615, 0.3118, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFC0
RGB	196, 255, 192
RGB Percent	77%, 100%, 75%
CMY	0.2315, 0.0000, 0.2469
CMYK	0.23, 0.00, 0.25, 0.00
HSL	116°, 100%, 88%
HSV	116°, 25%, 100%
XYZ	68.0345, 87.0615, 63.1032
YIQ	230.1770, -14.9410, -32.1010

Conversions

Conversions Part 2

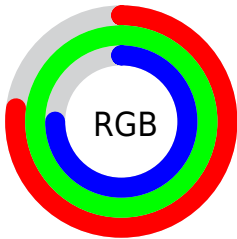
Format	Color
RYB	192, 255, 251
Decimal	12910528
CIELab	94.76, -30.17, 24.23
CIELCh	95, 38.689, 141.233
Yxy	87.0615, 0.3118, 0.3990
Android (android.graphics.Color)	4291100608 (0xFFC4FFC0)
YUV	230.1770, -18.8213, -29.9732
Hunter-Lab	93.3068, -33.1337, 25.2170

Details

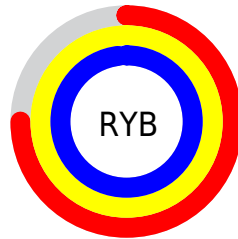
The Yxy color **87.0615, 0.3118, 0.3990** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4531, 0.3126, 0.2668**, and the grayscale version is **79.4121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2422, 0.3149, 0.3348**, and **47.8859, 0.3109, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **83.0698, 0.3110, 0.4326**, and if you desaturate by 10%, it is **91.7527, 0.3123, 0.3682**.

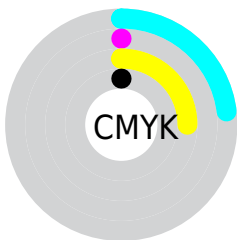
Distribution



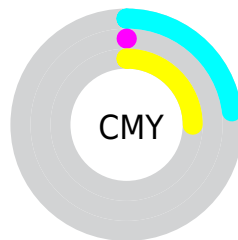
- Red (77%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (98%)



- Cyan (23%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.0615, 0.3118, 0.3990 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 87.0615, 0.3118, 0.3990 by changing the saturation by 10% instead.


 87.0615, 0.3118,
0.3990

 87.0615, 0.3118,
0.3990


518.4249, 0.3130,
0.3663

 65.5461, 0.3114,
0.4065


 143.2499, 0.3123,
0.3876

 47.9040, 0.3107,
0.4159


178.6916, 0.3125,
0.3832

 33.7509, 0.3098,
0.4277


219.5443, 0.3126,
0.3794

 22.7023, 0.3083,
0.4433

266.1922, 0.3127,
0.3760

 14.3738, 0.3058,
0.4644

319.0199, 0.3128,
0.3731

 8.3811, 0.3014,
0.4948


378.4116, 0.3129,


 4.3398, 0.2925,


0.3706


0.5415


444.7518, 0.3129,
0.3683

 1.8654, 0.2952,
0.6738

 0.5274, 0.0000,
1.0000


 87.0615, 0.3118,
0.3990


 87.0615, 0.3118,
0.3990


 83.0698, 0.3110,
0.4326

 91.7527, 0.3123,
0.3682

 79.7540, 0.3099,
0.4681

 97.1860, 0.3126,
0.3407

 77.0734, 0.3086,
0.5035

 100.0000, 0.3127,
0.3290

 74.9874, 0.3069,
0.5365

■ 73.4505, 0.3051,
0.5642

■ 72.4108, 0.3032,
0.5844

■ 71.8061, 0.3016,
0.5960

■ 71.6296, 0.3009,
0.5992

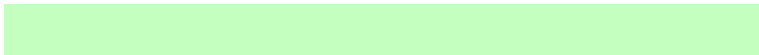
Harmonies

Analogous

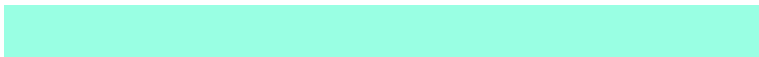
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0615, 0.3547, 0.4081



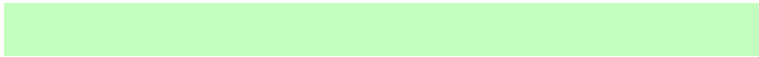
87.0615, 0.3118, 0.3990



87.0615, 0.2709, 0.3662

Triad

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



87.0615, 0.3118, 0.3990



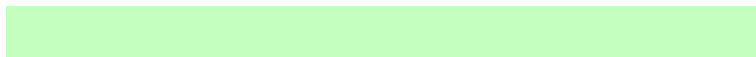
87.0615, 0.2411, 0.2633



87.0615, 0.3879, 0.3280

Complementary

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



87.0615, 0.3118, 0.3990



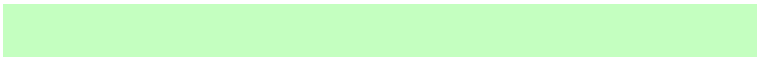
65.4531, 0.3126, 0.2668

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.



87.0615, 0.3532, 0.2949



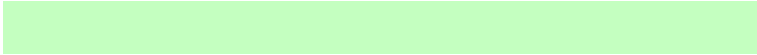
87.0615, 0.3118, 0.3990



87.0615, 0.2681, 0.2587

Square

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



87.0615, 0.3118, 0.3990



87.0615, 0.2320, 0.2854



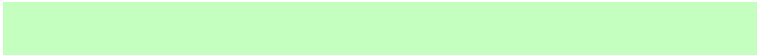
87.0615, 0.3087, 0.2703



87.0615, 0.4006, 0.3633

Rectangle

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



87.0615, 0.3118, 0.3990



87.0615, 0.2501, 0.3374



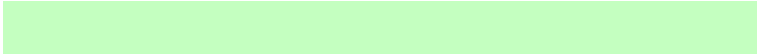
87.0615, 0.3087, 0.2703



87.0615, 0.3783, 0.3164

Sweetspot

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



87.0580, 0.3118, 0.3990



95.8663, 0.3126, 0.3468



93.9377, 0.3511, 0.3871



20.4468, 0.3126, 0.3484



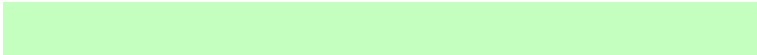
0.0000, 0.0000, 0.0000



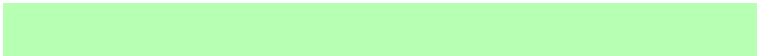
21.4041, 0.3127, 0.3290

Same Dimension

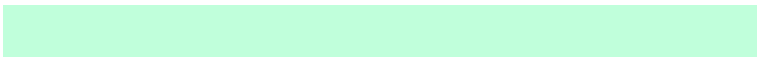
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0580, 0.3118, 0.3990



84.8562, 0.3114, 0.4165



87.8613, 0.2947, 0.3681



20.2223, 0.3125, 0.3535



37.4486, 0.3013, 0.5990



3.6644, 0.3043, 0.5966

Inverse Universe

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



65.4531, 0.3126, 0.2668



59.6246, 0.3125, 0.2533



64.5573, 0.3361, 0.2930



18.2392, 0.3128, 0.3055



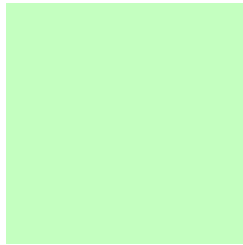
13.3918, 0.3053, 0.1455



1.3207, 0.3072, 0.1466

Previews

White Background



This preview shows how the Yxy color 87.0615, 0.3118, 0.3990 looks on a white background.

Color Contrast Check

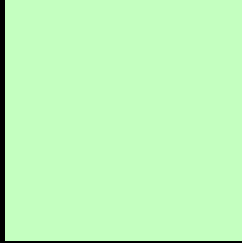
Large Text (above 18pt) WCAG AA × Fail

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 87.0615, 0.3118, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

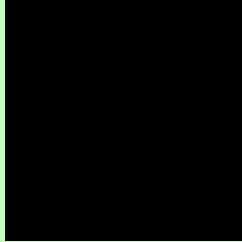
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 87.0615, 0.3118, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 87.0615, 0.3118, 0.3990.

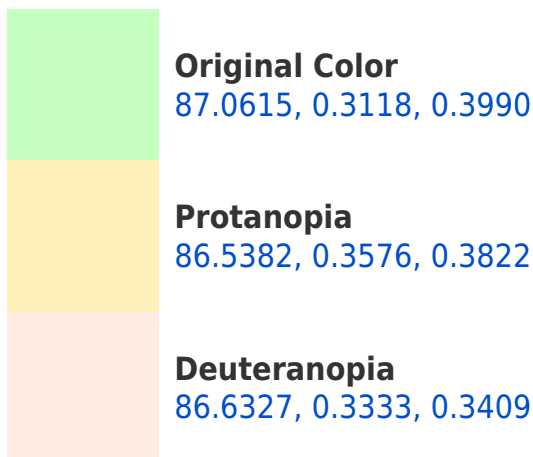


This preview shows how white text looks on a background with the Yxy color 87.0615, 0.3118, 0.3990.

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

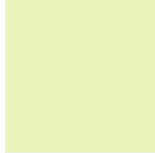
86.6933, 0.2920, 0.3167

Trichromacy



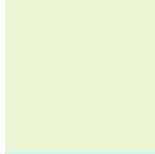
Original Color

87.0615, 0.3118, 0.3990



Protanomaly

86.4281, 0.3403, 0.3887



Deuteranomaly

86.3471, 0.3257, 0.3612



Tritanomaly

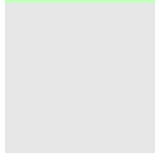
86.3448, 0.2995, 0.3449

Monochromacy



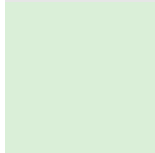
Original Color

87.0615, 0.3118, 0.3990



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

81.5963, 0.3129, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.0615, 0.3118, 0.3990 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(196, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 255, 192)  
}
```

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(196, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 192) }
```

Border

The CSS property to change the border of an element to Yxy 87.0615, 0.3118, 0.3990 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(196, 255, 192) }
```

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

```
.border{ border-color:rgb(196, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 87.0615, 0.3118, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 192) }
```

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

```
.background{ background-color: rgb(196,  
255, 192) }
```

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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