

Converting Colors

$Yxy(95.6105, 0.3111, 0.4279)$

Have a look what the booklet for
Yxy(95.6105, 0.3111, 0.4279)
contains.

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Color

Yxy(85.2953, 0.3117, 0.4132)

Conversions

Conversions Part 1

Format	Color
Hex	BAFFB5
RGB	186, 255, 181
RGB Percent	73%, 100%, 71%
CMY	0.2707, 0.0000, 0.2902
CMYK	0.27, 0.00, 0.29, 0.00
HSL	116°, 100%, 85%
HSV	116°, 29%, 100%
XYZ	64.3430, 85.2953, 56.7878
YIQ	225.9330, -17.3700, -37.6420

Conversions

Conversions Part 2

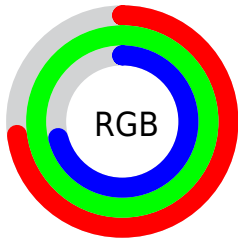
Format	Color
RYB	181, 255, 250
Decimal	12255157
CIELab	94.01, -35.16, 28.68
CIElCh	94, 45.373, 140.788
Yxy	85.2953, 0.3117, 0.4132
Android (android.graphics.Color)	4290445237 (0xFFBAFFB5)
YUV	225.9330, -22.1520, -35.0212
Hunter-Lab	92.3555, -37.2630, 28.1924

Details

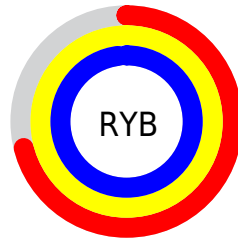
The Yxy color **85.2953, 0.3117, 0.4132** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.5995, 0.3123, 0.2557**, and the grayscale version is **76.1656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6891, 0.3156, 0.3468**, and **46.7720, 0.3100, 0.4334** is the 20% darker color. If you saturate the color by 10%, you get **81.6028, 0.3109, 0.4477**, and if you desaturate by 10%, it is **89.6660, 0.3123, 0.3811**.

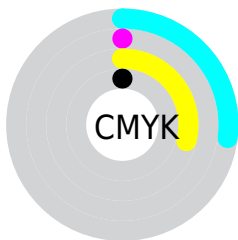
Distribution



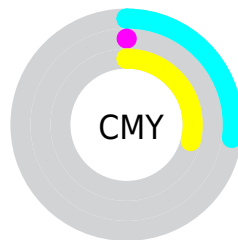
- Red (73%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (98%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (27%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2953, 0.3117, 0.4132 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 85.2953, 0.3117, 0.4132 by changing the saturation by 10% instead.


 85.2953, 0.3117,
0.4132

 85.2953, 0.3117,
0.4132


512.6047, 0.3132,
0.3734

 64.0854, 0.3111,
0.4224


 140.7857, 0.3125,
0.3993

 46.7199, 0.3102,
0.4339


175.8350, 0.3127,
0.3939

 32.8142, 0.3088,
0.4485


216.2662, 0.3129,
0.3893

 21.9842, 0.3066,
0.4677

262.4637, 0.3130,
0.3853

 13.8453, 0.3029,
0.4940

314.8119, 0.3131,
0.3817

 8.0131, 0.2962,
0.5317


373.6952, 0.3132,


 4.1034, 0.2828,


0.3786


0.5895


439.4980, 0.3132,
0.3759


 1.7315, 0.2624,
0.7376

 0.4440, 0.0000,
1.0000


 85.2953, 0.3117,
0.4132


 85.2953, 0.3117,
0.4132

 81.6028, 0.3109,
0.4477


 89.6660, 0.3123,
0.3811

 78.5676, 0.3097,
0.4834

 94.7614, 0.3126,
0.3522

 76.1468, 0.3082,
0.5180

100.0000, 0.3127,
0.3290

 74.2985, 0.3064,
0.5491

■ 72.9753, 0.3045,
0.5738

■ 72.1222, 0.3027,
0.5904

■ 71.6683, 0.3011,
0.5986

■ 71.6400, 0.3010,
0.5992

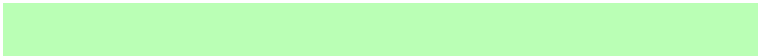
Harmonies

Analogous

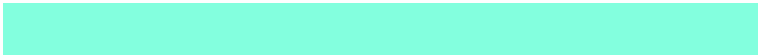
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2953, 0.3621, 0.4226



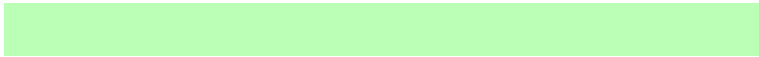
85.2953, 0.3117, 0.4132



85.2953, 0.2639, 0.3739

Triad

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



85.2953, 0.3117, 0.4132



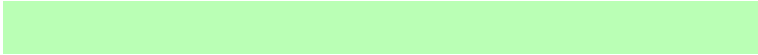
85.2953, 0.2289, 0.2523



85.2953, 0.4012, 0.3264

Complementary

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



85.2953, 0.3117, 0.4132



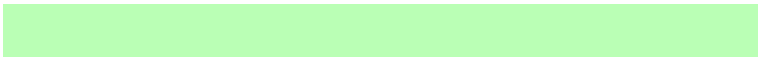
60.5995, 0.3123, 0.2557

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.



85.2953, 0.3596, 0.2886



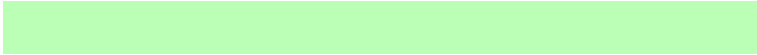
85.2953, 0.3117, 0.4132



85.2953, 0.2597, 0.2472

Square

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



85.2953, 0.3117, 0.4132



85.2953, 0.2188, 0.2777



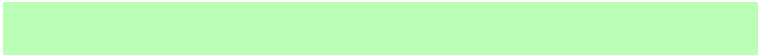
85.2953, 0.3068, 0.2605



85.2953, 0.4164, 0.3673

Rectangle

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



85.2953, 0.3117, 0.4132



85.2953, 0.2397, 0.3391



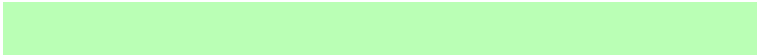
85.2953, 0.3068, 0.2605



85.2953, 0.3897, 0.3131

Sweetspot

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



85.2906, 0.3117, 0.4132



94.7719, 0.3126, 0.3521



92.2447, 0.3583, 0.3963



20.1165, 0.3126, 0.3561



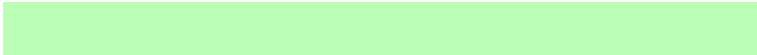
0.0000, 0.0000, 0.0000



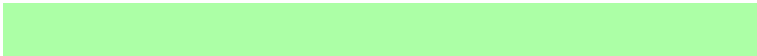
21.4041, 0.3127, 0.3290

Same Dimension

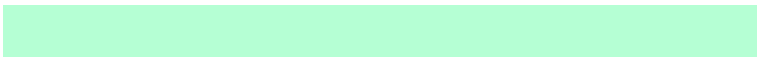
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2906, 0.3117, 0.4132



83.0045, 0.3112, 0.4336



86.0890, 0.2924, 0.3775



20.2263, 0.3126, 0.3535



37.4550, 0.3014, 0.5989



3.6662, 0.3046, 0.5963

Inverse Universe

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



60.5995, 0.3123, 0.2557



54.5445, 0.3120, 0.2406



59.6992, 0.3403, 0.2852



18.2347, 0.3127, 0.3055



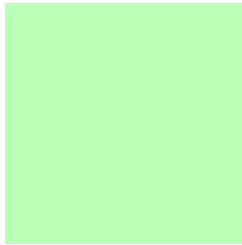
13.2884, 0.3041, 0.1449



1.3118, 0.3061, 0.1460

Previews

White Background



This preview shows how the Yxy color 85.2953, 0.3117, 0.4132 looks on a white background.

Color Contrast Check

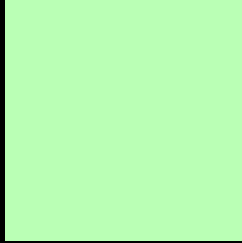
Large Text (above 18pt) WCAG AA × Fail

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 85.2953, 0.3117, 0.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

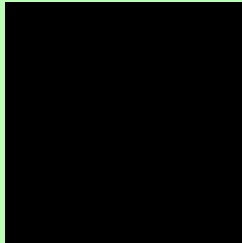
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.2953, 0.3117, 0.4132

Background



This preview shows how black text looks on a background with the Yxy color 85.2953, 0.3117, 0.4132.

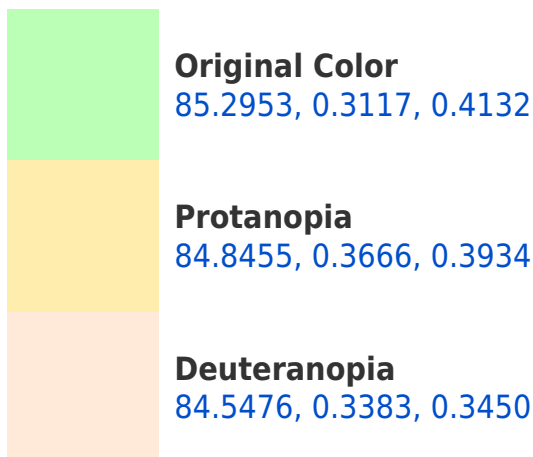


This preview shows how white text looks on a background with the Yxy color 85.2953, 0.3117, 0.4132.

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

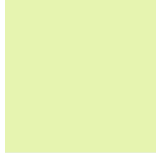
85.0204, 0.2877, 0.3155

Trichromacy



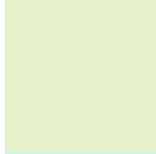
Original Color

85.2953, 0.3117, 0.4132



Protanomaly

84.6590, 0.3450, 0.4011



Deuteranomaly

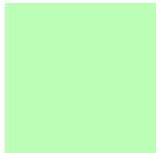
84.0932, 0.3282, 0.3680



Tritanomaly

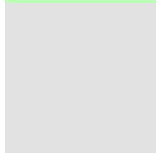
84.9603, 0.2968, 0.3495

Monochromacy



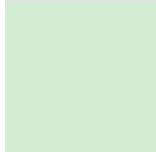
Original Color

85.2953, 0.3117, 0.4132



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.0704, 0.3120, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2953, 0.3117, 0.4132 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(186, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 181)  
}
```

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(186, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 85.2953, 0.3117, 0.4132 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(186, 255, 181) }
```

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

```
.border{ border-color:rgb(186, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2953, 0.3117, 0.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 181) }
```

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

```
.background{ background-color: rgb(186,  
255, 181) }
```

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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