

Converting Colors

Yxy(85.7152, 0.3030, 0.3964)

Have a look what the booklet for
Yxy(85.7152, 0.3030, 0.3964)
contains.

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Color

Yxy(85.6505, 0.3030, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	B8FFC3
RGB	184, 255, 195
RGB Percent	72%, 100%, 76%
CMY	0.2786, 0.0000, 0.2352
CMYK	0.28, 0.00, 0.24, 0.00
HSL	129°, 100%, 86%
HSV	129°, 28%, 100%
XYZ	65.3705, 85.6505, 64.7233
YIQ	226.9310, -23.0560, -33.7120

Conversions

Conversions Part 2

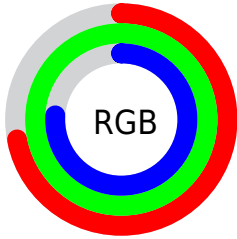
Format	Color
RYB	184, 245, 255
Decimal	12124099
CIELab	94.16, -33.49, 21.77
CIELCh	94, 39.944, 146.969
Yxy	85.6505, 0.3030, 0.3970
Android (android.graphics.Color)	4290314179 (0xFFB8FFC3)
YUV	226.9310, -15.7420, -37.6505
Hunter-Lab	92.5476, -35.8756, 23.3187

Details

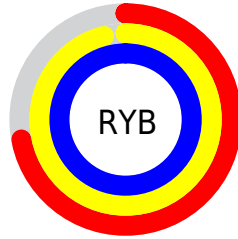
The Yxy color **85.6505, 0.3030, 0.3970** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.0511, 0.3243, 0.2694**, and the grayscale version is **76.8828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2490, 0.3058, 0.3319**, and **46.9784, 0.3000, 0.4139** is the 20% darker color. If you saturate the color by 10%, you get **81.8713, 0.2997, 0.4265**, and if you desaturate by 10%, it is **90.1281, 0.3065, 0.3700**.

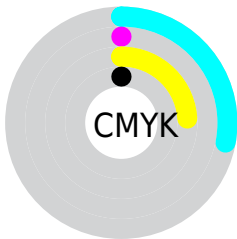
Distribution



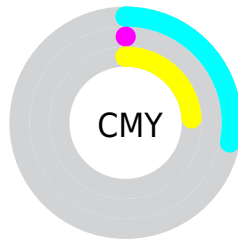
- Red (72%)
- Green (100%)
- Blue (76%)



- Red (72%)
- Yellow (96%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.6505, 0.3030, 0.3970 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 85.6505, 0.3030, 0.3970 by changing the saturation by 10% instead.

 85.6505, 0.3030,
0.3970

 85.6505, 0.3030,
0.3970

513.7781, 0.3081,
0.3650

 64.3790, 0.3017,
0.4044

 141.2817, 0.3049,
0.3858

 46.9577, 0.3000,
0.4136


176.4101, 0.3056,
0.3815

 33.0022, 0.2977,
0.4253


216.9264, 0.3062,
0.3778

 22.1282, 0.2946,
0.4408

263.2148, 0.3067,
0.3746

 13.9511, 0.2900,
0.4619

315.6598, 0.3071,
0.3717

 8.0867, 0.2826,
0.4926


374.6457, 0.3075,


 4.1504, 0.2696,


0.3692


0.5407


440.5570, 0.3078,
0.3670


 1.7581, 0.2572,
0.6721


 0.4608, 0.0000,
1.0000


 85.6505, 0.3030,
0.3970


 85.6505, 0.3030,
0.3970

 81.8713, 0.2997,
0.4265


 90.1281, 0.3065,
0.3700

 78.7684, 0.2969,
0.4578

 95.3523, 0.3100,
0.3459

 76.2972, 0.2948,
0.4897

100.0000, 0.3127,
0.3290

 74.4136, 0.2937,
0.5204

■ 73.0679, 0.2936,
0.5479

■ 72.2019, 0.2946,
0.5703

■ 71.7393, 0.2965,
0.5862

■ 71.6711, 0.2969,
0.5888

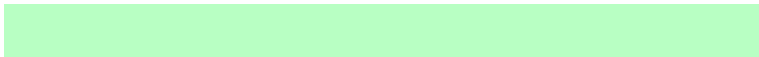
Harmonies

Analogous

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



85.6505, 0.3481, 0.4115



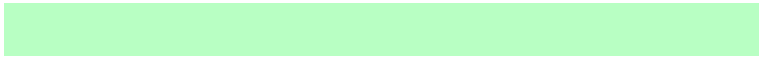
85.6505, 0.3030, 0.3970



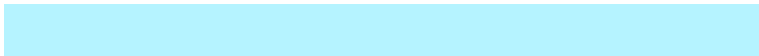
85.6505, 0.2624, 0.3593

Triad

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



85.6505, 0.3030, 0.3970



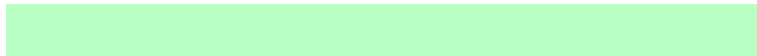
85.6505, 0.2425, 0.2586



85.6505, 0.3953, 0.3348

Complementary

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



85.6505, 0.3030, 0.3970



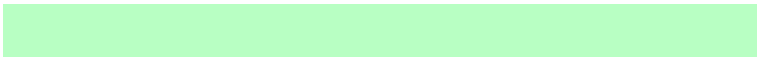
62.0511, 0.3243, 0.2694

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.



85.6505, 0.3629, 0.2997



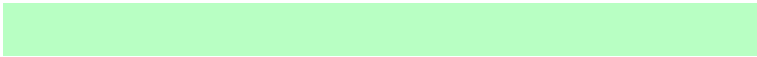
85.6505, 0.3030, 0.3970



85.6505, 0.2736, 0.2573

Square

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



85.6505, 0.3030, 0.3970



85.6505, 0.2295, 0.2779



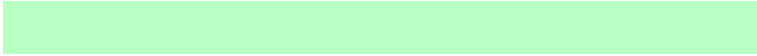
85.6505, 0.3174, 0.2722



85.6505, 0.4033, 0.3709

Rectangle

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



85.6505, 0.3030, 0.3970



85.6505, 0.2430, 0.3289



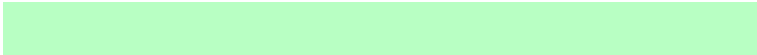
85.6505, 0.3174, 0.2722



85.6505, 0.3868, 0.3227

Sweetspot

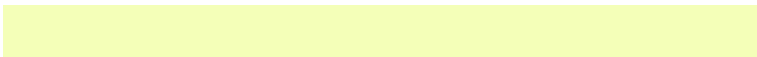
The Sweet Spot groups the original color and five complimentary colors.



85.6457, 0.3030, 0.3970



95.2740, 0.3099, 0.3462



94.2735, 0.3478, 0.4006



20.2142, 0.3094, 0.3497



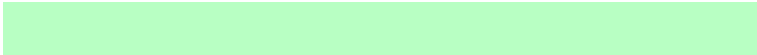
0.0000, 0.0000, 0.0000



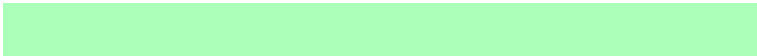
21.4041, 0.3127, 0.3290

Same Dimension

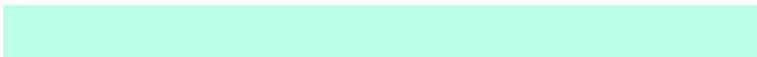
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6457, 0.3030, 0.3970



83.6196, 0.3013, 0.4119



87.4257, 0.2845, 0.3563



20.2142, 0.3094, 0.3497



37.4633, 0.2964, 0.5870



3.6604, 0.2915, 0.5696

Inverse Universe

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



62.0511, 0.3243, 0.2694



56.7342, 0.3269, 0.2583



60.1175, 0.3526, 0.3035



18.2489, 0.3162, 0.3092



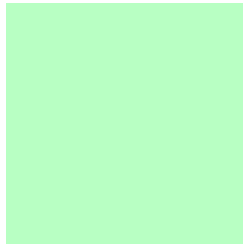
13.6991, 0.3647, 0.1783



1.3464, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 85.6505, 0.3030, 0.3970 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 85.6505, 0.3030, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

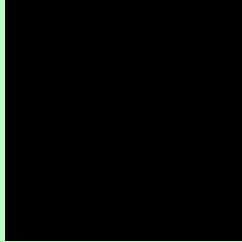
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.6505, 0.3030, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 85.6505, 0.3030, 0.3970.

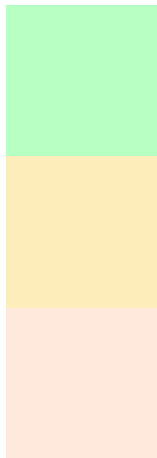


This preview shows how white text looks on a background with the Yxy color 85.6505, 0.3030, 0.3970.

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

85.6505, 0.3030, 0.3970

Protanopia

84.9962, 0.3567, 0.3806

Deuteranopia

84.7583, 0.3357, 0.3410



Tritanopia

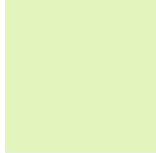
85.6173, 0.2878, 0.3165

Trichromacy



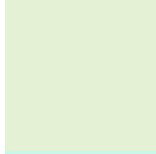
Original Color

85.6505, 0.3030, 0.3970



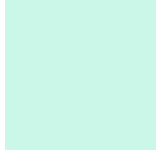
Protanomaly

84.8695, 0.3357, 0.3874



Deuteranomaly

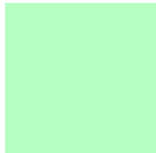
84.3221, 0.3225, 0.3595



Tritanomaly

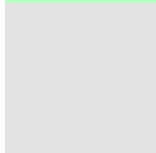
85.1012, 0.2935, 0.3440

Monochromacy



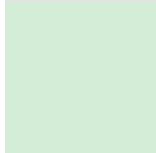
Original Color

85.6505, 0.3030, 0.3970



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.3236, 0.3089, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6505, 0.3030, 0.3970 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(184, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 195)  
}
```

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(184, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 195) }
```

Border

The CSS property to change the border of an element to Yxy 85.6505, 0.3030, 0.3970 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(184, 255, 195) }
```

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

```
.border{ border-color:rgb(184, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6505, 0.3030, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 195) }
```

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

```
.background{ background-color: rgb(184,  
255, 195) }
```

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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