

Converting Colors

Yxy(85.3966, 0.3136, 0.3910)

Have a look what the booklet for
Yxy(85.3966, 0.3136, 0.3910)
contains.

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Color

Yxy(85.3520, 0.3135, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	C9FBC3
RGB	201, 251, 195
RGB Percent	79%, 98%, 76%
CMY	0.2118, 0.0157, 0.2352
CMYK	0.20, 0.00, 0.22, 0.02
HSL	114°, 88%, 87%
HSV	114°, 22%, 98%
XYZ	68.4344, 85.3520, 64.5052
YIQ	229.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

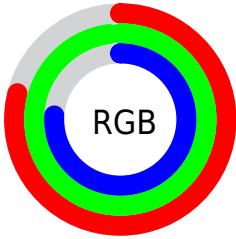
Format	Color
RYB	195, 251, 245
Decimal	13237187
CIELab	94.03, -26.15, 21.74
CIELCh	94, 34.004, 140.255
Yxy	85.3520, 0.3135, 0.3910
Android (android.graphics.Color)	4291427267 (0xFFC9FBC3)
YUV	229.6660, -17.0903, -25.1401
Hunter-Lab	92.3861, -29.4531, 23.2733

Details

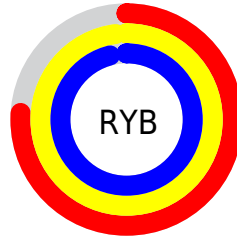
The Yxy color **85.3520, 0.3135, 0.3910** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4201, 0.3108, 0.2726**, and the grayscale version is **79.0079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **46.6177, 0.3130, 0.4058** is the 20% darker color. If you saturate the color by 10%, you get **81.4301, 0.3134, 0.4237**, and if you desaturate by 10%, it is **89.9255, 0.3133, 0.3612**.

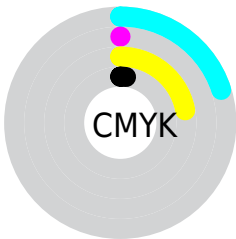
Distribution



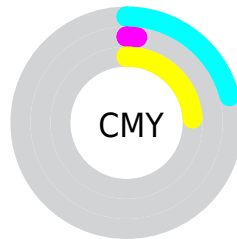
- Red (79%)
- Green (98%)
- Blue (76%)



- Red (76%)
- Yellow (98%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (21%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.3520, 0.3135, 0.3910 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 85.3520, 0.3135, 0.3910 by changing the saturation by 10% instead.

85.3520, 0.3135,
0.3910

85.3520, 0.3135,
0.3910

512.7921, 0.3137,
0.3620

64.1323, 0.3133,
0.3977

140.8649, 0.3137,
0.3809

46.7578, 0.3130,
0.4059

175.9268, 0.3137,
0.3770

32.8442, 0.3125,
0.4164

216.3716, 0.3138,
0.3736

22.0071, 0.3116,
0.4302

262.5836, 0.3138,
0.3707

13.8622, 0.3100,
0.4490

314.9473, 0.3138,
0.3681

8.0249, 0.3071,
0.4760

373.8470, 0.3138,

4.1109, 0.3007,

0.3659

0.5180

439.6671, 0.3137,
0.3638

■ 1.7358, 0.3054,
0.6321

■ 0.4467, 0.0000,
1.0000

■ 85.3520, 0.3135,
0.3910

■ 85.3520, 0.3135,
0.3910

■ 81.4301, 0.3134,
0.4237

■ 89.9255, 0.3133,
0.3612

■ 78.1199, 0.3129,
0.4584

■ 95.1670, 0.3128,
0.3347

■ 75.3936, 0.3120,
0.4935

■ 97.4783, 0.3129,
0.3252

■ 73.2171, 0.3105,
0.5269

■ 71.5527, 0.3085,
0.5560

■ 70.3578, 0.3062,
0.5784

■ 69.5829, 0.3037,
0.5926

■ 69.2286, 0.3021,
0.5984

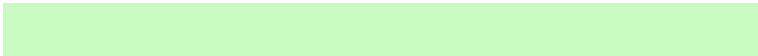
Harmonies

Analogous

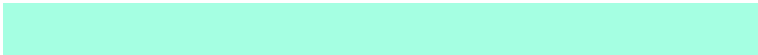
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3520, 0.3514, 0.3987



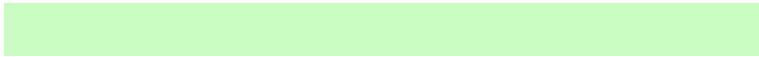
85.3520, 0.3135, 0.3910



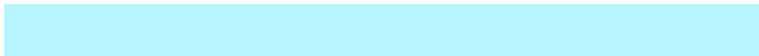
85.3520, 0.2769, 0.3629

Triad

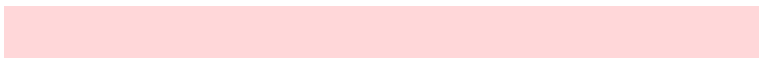
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3520, 0.3135, 0.3910



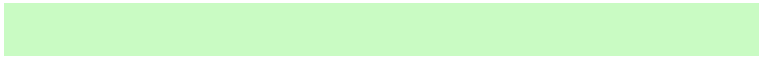
85.3520, 0.2483, 0.2710



85.3520, 0.3784, 0.3274

Complementary

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



85.3520, 0.3135, 0.3910



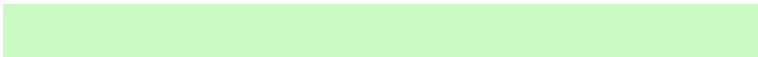
65.4201, 0.3108, 0.2726

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.



85.3520, 0.3474, 0.2978



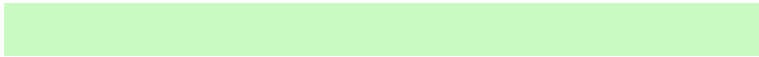
85.3520, 0.3135, 0.3910



85.3520, 0.2722, 0.2661

Square

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



85.3520, 0.3135, 0.3910



85.3520, 0.2407, 0.2916



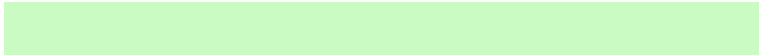
85.3520, 0.3081, 0.2759



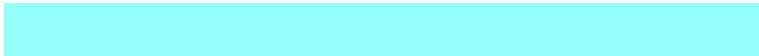
85.3520, 0.3904, 0.3591

Rectangle

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



85.3520, 0.3135, 0.3910



85.3520, 0.2579, 0.3379



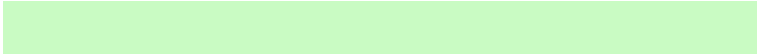
85.3520, 0.3081, 0.2759



85.3520, 0.3697, 0.3171

Sweetspot

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



85.3556, 0.3135, 0.3910



96.0036, 0.3131, 0.3467



89.4382, 0.3478, 0.3787



20.4785, 0.3131, 0.3483



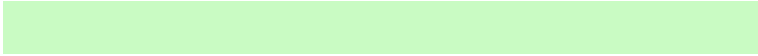
0.0000, 0.0000, 0.0000



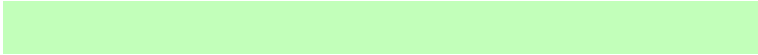
21.4041, 0.3127, 0.3290

Same Dimension

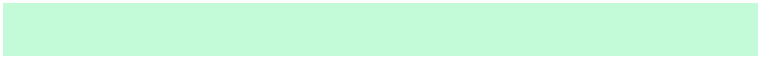
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3556, 0.3135, 0.3910



86.4749, 0.3135, 0.4061



85.5851, 0.2979, 0.3670



19.3979, 0.3132, 0.3534



36.4165, 0.3025, 0.5980



3.4010, 0.3076, 0.5940

Inverse Universe

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



65.4201, 0.3108, 0.2726



62.2935, 0.3103, 0.2604



65.2349, 0.3312, 0.2938



17.4249, 0.3121, 0.3055



12.0469, 0.2941, 0.1394



1.1419, 0.2975, 0.1413

Previews

White Background



This preview shows how the Yxy color 85.3520, 0.3135, 0.3910 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 85.3520, 0.3135, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

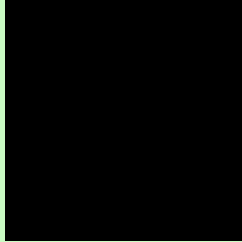
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

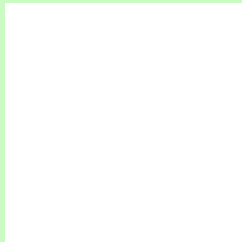
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3520, 0.3135, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 85.3520, 0.3135, 0.3910.

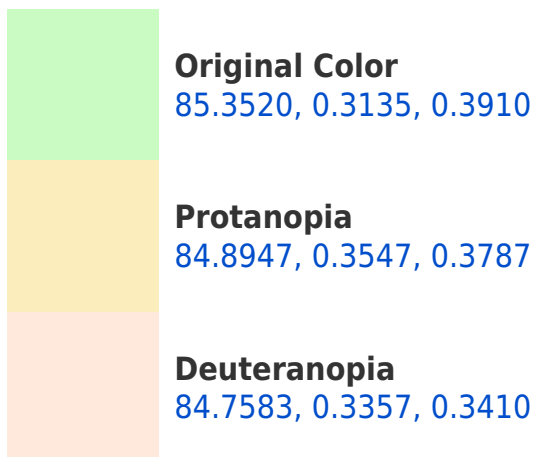


This preview shows how white text looks on a background with the Yxy color 85.3520, 0.3135, 0.3910.

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

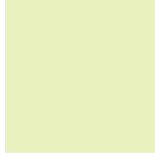
85.1907, 0.2907, 0.3146

Trichromacy



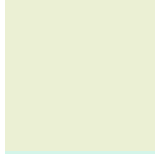
Original Color

85.3520, 0.3135, 0.3910



Protanomaly

84.5895, 0.3382, 0.3827



Deuteranomaly

84.7358, 0.3267, 0.3581



Tritanomaly

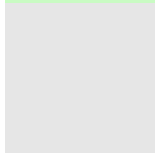
85.1851, 0.2989, 0.3417

Monochromacy



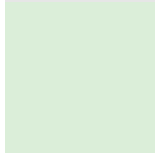
Original Color

85.3520, 0.3135, 0.3910



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

81.2189, 0.3130, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3520, 0.3135, 0.3910 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(201, 251, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 251, 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(201, 251, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 251, 195) }
```

Border

The CSS property to change the border of an element to Yxy 85.3520, 0.3135, 0.3910 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(201, 251, 195) }
```

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

```
.border{ border-color:rgb(201, 251, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 251, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 251, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 251, 195);  
box-shadow:4px 4px 4px 4px rgb(201, 251,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3520, 0.3135, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 251, 195) }
```

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

```
.background{ background-color: rgb(201,  
251, 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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