

Converting Colors

$Yxy(85.6064, 0.2993, 0.3917)$

Have a look what the booklet for
Yxy(85.6064, 0.2993, 0.3917)
contains.

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Color

Yxy(85.6352, 0.2992, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	B6FFC8
RGB	182, 255, 200
RGB Percent	71%, 100%, 78%
CMY	0.2863, 0.0000, 0.2156
CMYK	0.29, 0.00, 0.22, 0.00
HSL	135°, 100%, 86%
HSV	135°, 29%, 100%
XYZ	65.4793, 85.6352, 67.7334
YIQ	226.9030, -25.8530, -32.5810

Conversions

Conversions Part 2

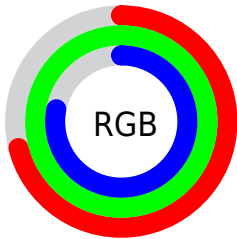
Format	Color
RYB	182, 241, 255
Decimal	11993032
CIELab	94.16, -33.21, 19.19
CIELCh	94, 38.362, 149.978
Yxy	85.6352, 0.2992, 0.3913
Android (android.graphics.Color)	4290183112 (0xFFB6FFC8)
YUV	226.9030, -13.2632, -39.3799
Hunter-Lab	92.5393, -35.6400, 21.3806

Details

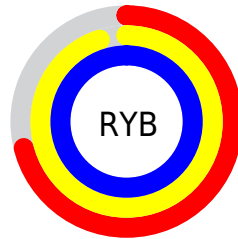
The Yxy color **85.6352, 0.2992, 0.3913** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.8320, 0.3299, 0.2739**, and the grayscale version is **76.8566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **46.9755, 0.2954, 0.4065** is the 20% darker color. If you saturate the color by 10%, you get **81.9671, 0.2950, 0.4177**, and if you desaturate by 10%, it is **89.9849, 0.3038, 0.3672**.

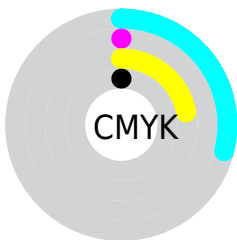
Distribution



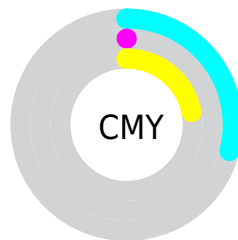
- Red (71%)
- Green (100%)
- Blue (78%)



- Red (71%)
- Yellow (95%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6352, 0.2992, 0.3913 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 85.6352, 0.2992, 0.3913 by changing the saturation by 10% instead.

 85.6352, 0.2992,
0.3913

 85.6352, 0.2992,
0.3913


513.7276, 0.3059,
0.3621

 64.3664, 0.2976,
0.3981


 141.2603, 0.3016,
0.3811

 46.9475, 0.2955,
0.4065

176.3854, 0.3025,
0.3771

 32.9941, 0.2928,
0.4172


216.8979, 0.3033,
0.3737

 22.1219, 0.2891,
0.4313

263.1824, 0.3040,
0.3708

 13.9465, 0.2839,
0.4506

315.6233, 0.3045,
0.3682

 8.0835, 0.2758,
0.4787

374.6048, 0.3050,

 4.1484, 0.2622,

0.3659

0.5228

440.5114, 0.3055,
0.3639

■ 1.7569, 0.2424,
0.6274

■ 0.4601, 0.0000,
1.0000

■ 85.6352, 0.2992,
0.3913

■ 85.6352, 0.2992,
0.3913

■ 81.9671, 0.2950,
0.4177

■ 89.9849, 0.3038,
0.3672

■ 78.9405, 0.2915,
0.4458

■ 95.0433, 0.3086,
0.3456

■ 76.5191, 0.2889,
0.4749

100.0000, 0.3127,
0.3290

■ 74.6607, 0.2877,
0.5035

■ 73.3176, 0.2879,
0.5302

■ 72.4337, 0.2896,
0.5535

■ 71.9310, 0.2925,
0.5721

■ 71.8782, 0.2928,
0.5743

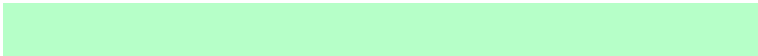
Harmonies

Analogous

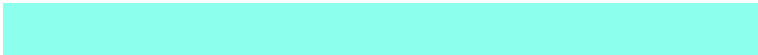
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6352, 0.3426, 0.4079



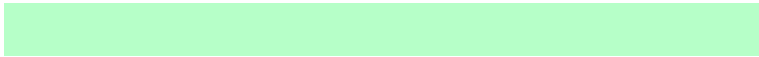
85.6352, 0.2992, 0.3913



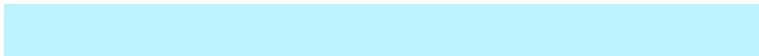
85.6352, 0.2611, 0.3538

Triad

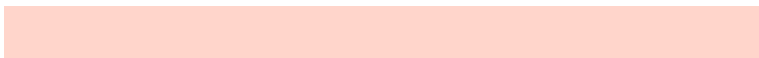
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6352, 0.2992, 0.3913



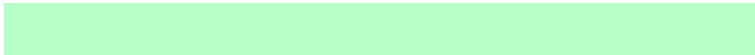
85.6352, 0.2474, 0.2603



85.6352, 0.3939, 0.3383

Complementary

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



85.6352, 0.2992, 0.3913



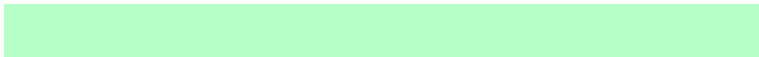
60.8320, 0.3299, 0.2739

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.



85.6352, 0.3648, 0.3040



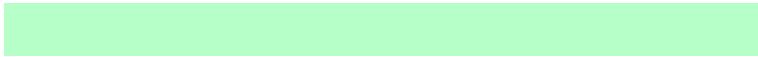
85.6352, 0.2992, 0.3913



85.6352, 0.2790, 0.2607

Square

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



85.6352, 0.2992, 0.3913



85.6352, 0.2329, 0.2773



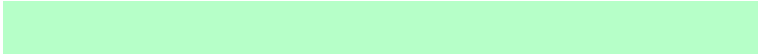
85.6352, 0.3218, 0.2764



85.6352, 0.3991, 0.3728

Rectangle

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



85.6352, 0.2992, 0.3913



85.6352, 0.2435, 0.3247



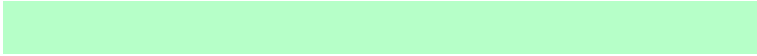
85.6352, 0.3218, 0.2764



85.6352, 0.3866, 0.3265

Sweetspot

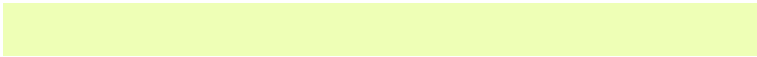
The Sweet Spot groups the original color and five complimentary colors.



85.6370, 0.2992, 0.3913



94.8404, 0.3084, 0.3464



93.0693, 0.3446, 0.4037



20.1334, 0.3077, 0.3494



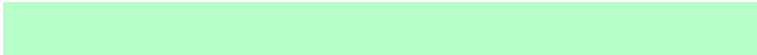
0.0000, 0.0000, 0.0000



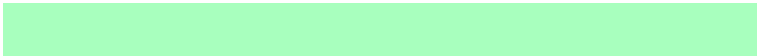
21.4041, 0.3127, 0.3290

Same Dimension

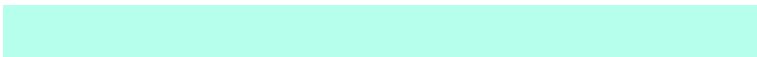
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6370, 0.2992, 0.3913



83.5823, 0.2969, 0.4052



87.4950, 0.2807, 0.3502



20.2417, 0.3082, 0.3474



37.5776, 0.2921, 0.5717



3.6753, 0.2863, 0.5506

Inverse Universe

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



60.8320, 0.3299, 0.2739



55.2938, 0.3339, 0.2634



58.9577, 0.3593, 0.3089



18.2192, 0.3176, 0.3113



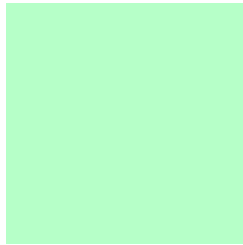
13.1239, 0.3954, 0.1952



1.2952, 0.3850, 0.1894

Previews

White Background



This preview shows how the Yxy color 85.6352, 0.2992, 0.3913 looks on a white background.

Color Contrast Check

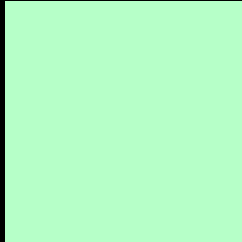
Large Text (above 18pt) WCAG AA × Fail

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 85.6352, 0.2992, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

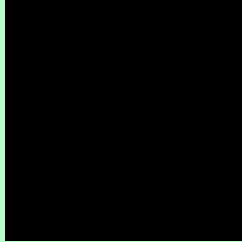
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

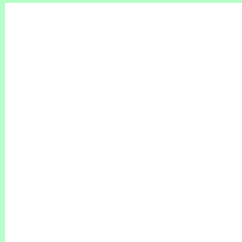
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6352, 0.2992, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 85.6352, 0.2992, 0.3913.

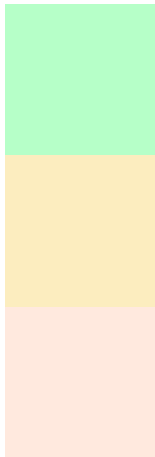


This preview shows how white text looks on a background with the Yxy color 85.6352, 0.2992, 0.3913.

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

85.6352, 0.2992, 0.3913

Protanopia

85.0254, 0.3527, 0.3756

Deuteranopia

84.8118, 0.3350, 0.3400



Tritanopia

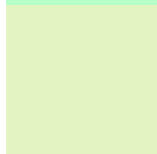
85.4673, 0.2872, 0.3165

Trichromacy



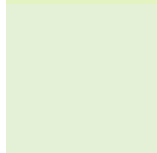
Original Color

85.6352, 0.2992, 0.3913



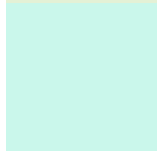
Protanomaly

84.9273, 0.3319, 0.3821



Deuteranomaly

84.2596, 0.3206, 0.3574



Tritanomaly

85.0762, 0.2918, 0.3418

Monochromacy



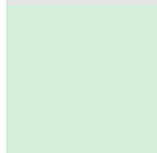
Original Color

85.6352, 0.2992, 0.3913



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

79.4270, 0.3077, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6352, 0.2992, 0.3913 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(182, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 200)  
}
```

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(182, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 200) }
```

Border

The CSS property to change the border of an element to Yxy 85.6352, 0.2992, 0.3913 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(182, 255, 200) }
```

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

```
.border{ border-color:rgb(182, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6352, 0.2992, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 200) }
```

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

```
.background{ background-color: rgb(182,  
255, 200) }
```

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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