

Converting Colors

$Yxy(85.7216, 0.3094, 0.3998)$

Have a look what the booklet for
Yxy(85.7216, 0.3094, 0.3998)
contains.

Yxy(85.7216, 0.3094, 0.3998)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(85.7216, 0.3094, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	BFFEBF
RGB	191, 254, 191
RGB Percent	75%, 100%, 75%
CMY	0.2509, 0.0039, 0.2509
CMYK	0.25, 0.00, 0.25, 0.00
HSL	120°, 97%, 87%
HSV	120°, 25%, 100%
XYZ	66.3388, 85.7216, 62.3508
YIQ	227.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

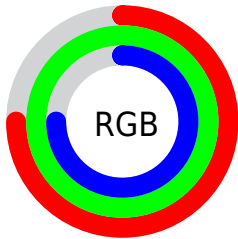
Format	Color
RYB	191, 254, 254
Decimal	12582591
CIELab	94.19, -31.45, 23.91
CIELCh	94, 39.505, 142.761
Yxy	85.7216, 0.3094, 0.3998
Android (android.graphics.Color)	4290772671 (0xFFBFFEBF)
YUV	227.9810, -18.2316, -32.4323
Hunter-Lab	92.5860, -34.1283, 24.8821

Details

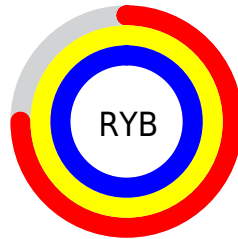
The Yxy color **85.7216, 0.3094, 0.3998** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4953, 0.3156, 0.2671**, and the grayscale version is **77.7211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2538, 0.3124, 0.3358**, and **46.9729, 0.3078, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **81.6892, 0.3078, 0.4340**, and if you desaturate by 10%, it is **90.5261, 0.3109, 0.3686**.

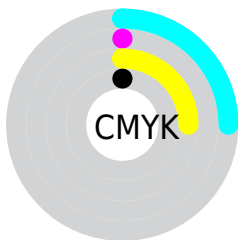
Distribution



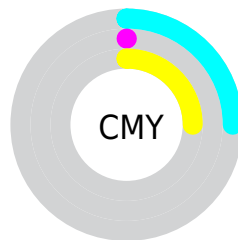
- Red (75%)
- Green (100%)
- Blue (75%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.7216, 0.3094, 0.3998 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 85.7216, 0.3094, 0.3998 by changing the saturation by 10% instead.


 85.7216, 0.3094,
0.3998

 85.7216, 0.3094,
0.3998


514.0128, 0.3117,
0.3665

 64.4378, 0.3087,
0.4075


 141.3809, 0.3103,
0.3882

 47.0053, 0.3078,
0.4170


176.5252, 0.3107,
0.3837

 33.0399, 0.3064,
0.4292


217.0585, 0.3109,
0.3798

 22.1570, 0.3044,
0.4451

263.3651, 0.3111,
0.3765

 13.9723, 0.3012,
0.4670

315.8294, 0.3113,
0.3735

 8.1014, 0.2957,
0.4985

374.8359, 0.3114,

 4.1599, 0.2852,

0.3709

0.5473

440.7689, 0.3116,
0.3686

1.7634, 0.2870,
0.6974

0.4642, 0.0000,
1.0000

85.7216, 0.3094,
0.3998

85.7216, 0.3094,
0.3998

81.6892, 0.3078,
0.4340

90.5261, 0.3109,
0.3686

78.3786, 0.3061,
0.4700

96.1283, 0.3122,
0.3410

75.7502, 0.3044,
0.5060

99.3624, 0.3128,
0.3281

73.7567, 0.3029,
0.5392

■ 72.3445, 0.3016,
0.5669

■ 71.4510, 0.3006,
0.5865

■ 70.9995, 0.3001,
0.5972

■ 70.8826, 0.3000,
0.6000

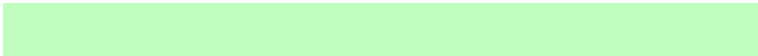
Harmonies

Analogous

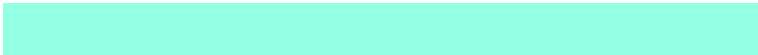
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7216, 0.3536, 0.4104



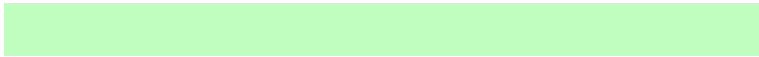
85.7216, 0.3094, 0.3998



85.7216, 0.2680, 0.3650

Triad

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



85.7216, 0.3094, 0.3998



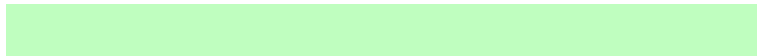
85.7216, 0.2403, 0.2610



85.7216, 0.3912, 0.3297

Complementary

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



85.7216, 0.3094, 0.3998



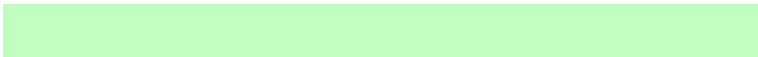
65.4953, 0.3156, 0.2671

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.



85.7216, 0.3565, 0.2957



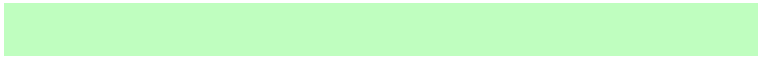
85.7216, 0.3094, 0.3998



85.7216, 0.2688, 0.2572

Square

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



85.7216, 0.3094, 0.3998



85.7216, 0.2301, 0.2826



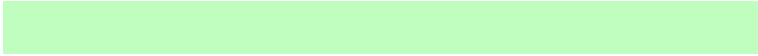
85.7216, 0.3109, 0.2698



85.7216, 0.4028, 0.3658

Rectangle

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



85.7216, 0.3094, 0.3998



85.7216, 0.2472, 0.3352



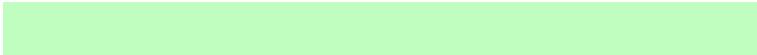
85.7216, 0.3109, 0.2698



85.7216, 0.3817, 0.3178

Sweetspot

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



85.7252, 0.3094, 0.3998



95.6740, 0.3119, 0.3468



95.0510, 0.3505, 0.3902



20.4025, 0.3118, 0.3484



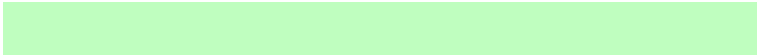
0.0000, 0.0000, 0.0000



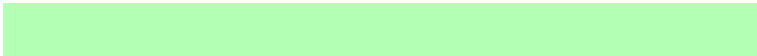
21.4041, 0.3127, 0.3290

Same Dimension

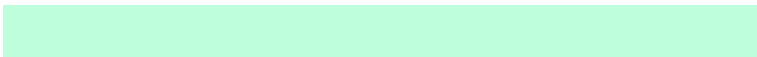
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7252, 0.3094, 0.3998



84.2800, 0.3086, 0.4173



87.2065, 0.2929, 0.3647



20.1683, 0.3116, 0.3536



37.3709, 0.3000, 0.6000



3.6387, 0.3000, 0.6000

Inverse Universe

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



65.4953, 0.3156, 0.2671



60.5180, 0.3162, 0.2541



63.6994, 0.3387, 0.2959



18.3003, 0.3138, 0.3056



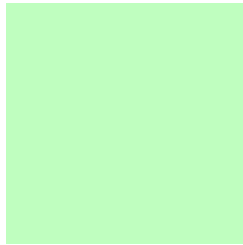
14.8778, 0.3209, 0.1541



1.4486, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 85.7216, 0.3094, 0.3998 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 85.7216, 0.3094, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

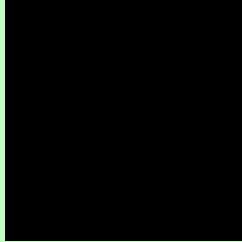
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.7216, 0.3094, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 85.7216, 0.3094, 0.3998.

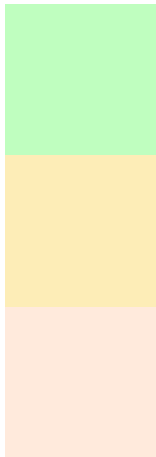


This preview shows how white text looks on a background with the Yxy color 85.7216, 0.3094, 0.3998.

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

85.7216, 0.3094, 0.3998

Protanopia

84.8699, 0.3587, 0.3837

Deuteranopia

85.2729, 0.3362, 0.3430



Tritanopia

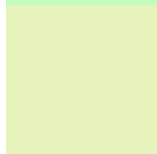
85.3232, 0.2889, 0.3155

Trichromacy



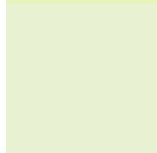
Original Color

85.7216, 0.3094, 0.3998



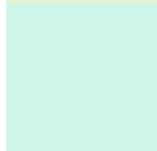
Protanomaly

84.4693, 0.3391, 0.3894



Deuteranomaly

84.6698, 0.3264, 0.3625



Tritanomaly

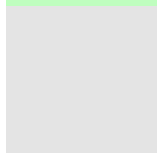
85.0031, 0.2964, 0.3439

Monochromacy



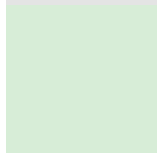
Original Color

85.7216, 0.3094, 0.3998



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.9217, 0.3116, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7216, 0.3094, 0.3998 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(191, 254, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 254, 191)  
}
```

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(191, 254, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 254, 191) }
```

Border

The CSS property to change the border of an element to Yxy 85.7216, 0.3094, 0.3998 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(191, 254, 191) }
```

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

```
.border{ border-color:rgb(191, 254, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 254, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 254, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 254, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 254,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7216, 0.3094, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 254, 191) }
```

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

```
.background{ background-color: rgb(191,  
254, 191) }
```

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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