

Converting Colors

$Yxy(85.6591, 0.3258, 0.4314)$

Have a look what the booklet for
Yxy(85.6591, 0.3258, 0.4314)
contains.

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Color

Yxy(85.6697, 0.3258, 0.4313)

Conversions

Conversions Part 1

Format	Color
Hex	C2FFA4
RGB	194, 255, 164
RGB Percent	76%, 100%, 64%
CMY	0.2391, 0.0000, 0.3568
CMYK	0.24, 0.00, 0.36, 0.00
HSL	100°, 100%, 82%
HSV	100°, 36%, 100%
XYZ	64.7141, 85.6697, 48.2476
YIQ	226.3870, -7.1450, -41.2330

Conversions

Conversions Part 2

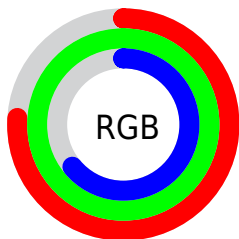
Format	Color
RYB	164, 255, 225
Decimal	12779428
CIELab	94.17, -35.01, 37.47
CIElCh	94, 51.280, 133.050
Yxy	85.6697, 0.3258, 0.4313
Android (android.graphics.Color)	4290969508 (0xFFC2FFA4)
YUV	226.3870, -30.7568, -28.4034
Hunter-Lab	92.5579, -37.1738, 33.8845

Details

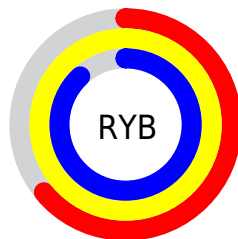
The Yxy color **85.6697, 0.3258, 0.4313** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **49.7760, 0.2927, 0.2336**, and the grayscale version is **76.5847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3828, 0.3314, 0.3633**, and **47.0248, 0.3271, 0.4562** is the 20% darker color. If you saturate the color by 10%, you get **82.7097, 0.3281, 0.4638**, and if you desaturate by 10%, it is **89.0817, 0.3227, 0.3998**.

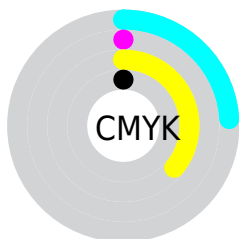
Distribution



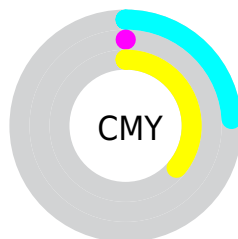
- Red (76%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)




- Cyan (24%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6697, 0.3258, 0.4313 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 85.6697, 0.3258, 0.4313 by changing the saturation by 10% instead.


 85.6697, 0.3258,
0.4313

 85.6697, 0.3258,
0.4313


513.8415, 0.3215,
0.3830

 64.3949, 0.3263,
0.4424


 141.3085, 0.3247,
0.4144

 46.9706, 0.3267,
0.4562

 176.4412, 0.3242,
0.4079

 33.0124, 0.3267,
0.4736


216.9620, 0.3236,
0.4023

 22.1359, 0.3261,
0.4962

263.2554, 0.3232,
0.3974

 13.9568, 0.3240,
0.5266

315.7056, 0.3227,
0.3932

 8.0906, 0.3183,
0.5689

374.6971, 0.3223,

 4.1530, 0.3107,

0.3894

0.6437

440.6142, 0.3219,
0.3860

■ 1.7595, 0.2657,
0.7343

■ 0.4617, 0.0000,
1.0000

■ 85.6697, 0.3258,
0.4313

■ 85.6697, 0.3258,
0.4313

■ 82.7097, 0.3281,
0.4638

■ 89.0817, 0.3227,
0.3998

■ 80.1709, 0.3291,
0.4959

■ 92.9532, 0.3190,
0.3703

■ 78.0353, 0.3287,
0.5257

■ 97.3053, 0.3150,
0.3432

■ 76.2792, 0.3266,
0.5513

100.0000, 0.3127,
0.3290

■ 74.8760, 0.3229,
0.5709

■ 73.7942, 0.3179,
0.5837

■ 73.4110, 0.3156,
0.5876

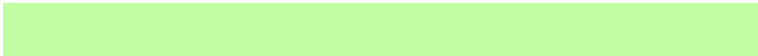
Harmonies

Analogous

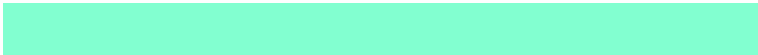
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6697, 0.3807, 0.4313



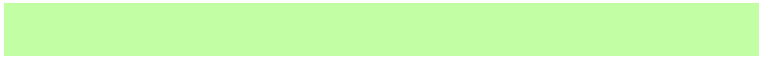
85.6697, 0.3258, 0.4313



85.6697, 0.2702, 0.3942

Triad

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



85.6697, 0.3258, 0.4313



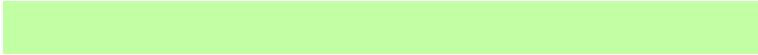
85.6697, 0.2141, 0.2480



85.6697, 0.4029, 0.3140

Complementary

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



85.6697, 0.3258, 0.4313



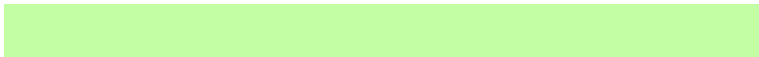
49.7760, 0.2927, 0.2336

Split Complementary

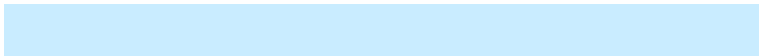
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6697, 0.3504, 0.2745



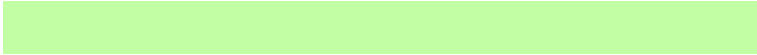
85.6697, 0.3258, 0.4313



85.6697, 0.2424, 0.2372

Square

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



85.6697, 0.3258, 0.4313



85.6697, 0.2091, 0.2816



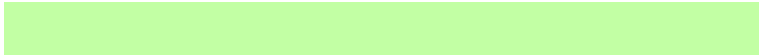
85.6697, 0.2908, 0.2472



85.6697, 0.4287, 0.3591

Rectangle

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



85.6697, 0.3258, 0.4313



85.6697, 0.2401, 0.3557



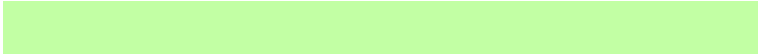
85.6697, 0.2908, 0.2472



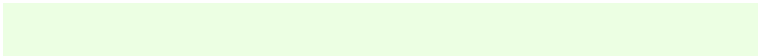
85.6697, 0.3875, 0.2999

Sweetspot

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



85.6734, 0.3258, 0.4313



94.9312, 0.3172, 0.3572



77.6115, 0.3766, 0.3909



20.1943, 0.3177, 0.3610



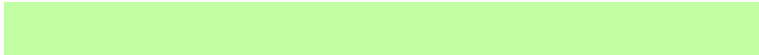
0.0000, 0.0000, 0.0000



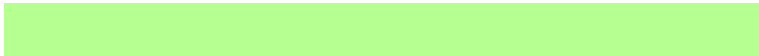
21.4041, 0.3127, 0.3290

Same Dimension

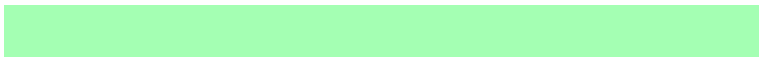
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6734, 0.3258, 0.4313



83.4629, 0.3276, 0.4551



82.6745, 0.2999, 0.4187



20.4592, 0.3166, 0.3532



38.4308, 0.3167, 0.5868



3.7985, 0.3251, 0.5800

Inverse Universe

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



49.7760, 0.2927, 0.2336



42.6104, 0.2872, 0.2133



54.0936, 0.3291, 0.2535



17.9825, 0.3085, 0.3052



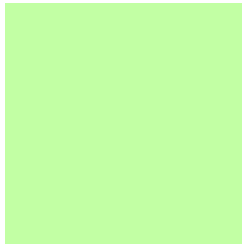
8.3734, 0.2390, 0.1090



0.8748, 0.2484, 0.1142

Previews

White Background



This preview shows how the Yxy color 85.6697, 0.3258, 0.4313 looks on a white background.

Color Contrast Check

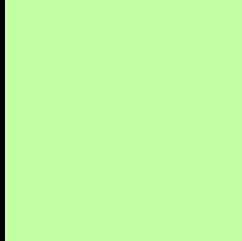
Large Text (above 18pt) WCAG AA × Fail

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 85.6697, 0.3258, 0.4313 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

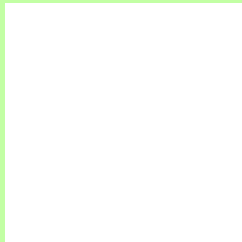
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6697, 0.3258, 0.4313

Background



This preview shows how black text looks on a background with the Yxy color 85.6697, 0.3258, 0.4313.

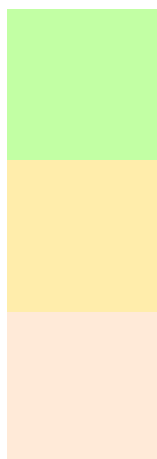


This preview shows how white text looks on a background with the Yxy color 85.6697, 0.3258, 0.4313.

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

85.6697, 0.3258, 0.4313

Protanopia

84.7686, 0.3679, 0.3954

Deuteranopia

85.0635, 0.3388, 0.3470



Tritanopia

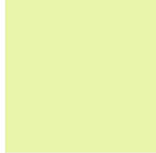
85.1907, 0.2907, 0.3146

Trichromacy



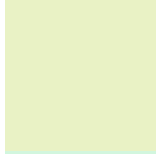
Original Color

85.6697, 0.3258, 0.4313



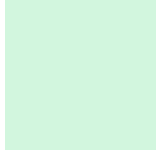
Protanomaly

84.8522, 0.3520, 0.4090



Deuteranomaly

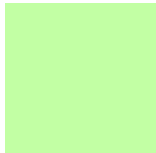
84.8591, 0.3345, 0.3763



Tritanomaly

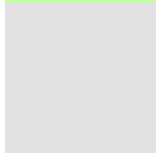
84.8871, 0.3039, 0.3548

Monochromacy



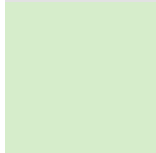
Original Color

85.6697, 0.3258, 0.4313



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

79.1763, 0.3183, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6697, 0.3258, 0.4313 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(194, 255, 164)` looks like.

```
.text, #text, p{  
    color:rgb(194, 255, 164)  
}
```

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(194, 255, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 164) }
```

Border

The CSS property to change the border of an element to Yxy 85.6697, 0.3258, 0.4313 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(194, 255, 164) }
```

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

```
.border{ border-color:rgb(194, 255, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 255, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 164);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6697, 0.3258, 0.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 164) }
```

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

```
.background{ background-color: rgb(194,  
255, 164) }
```

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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