

Converting Colors

Yxy(86.2011, 0.3154, 0.4112)

Have a look what the booklet for
Yxy(86.2011, 0.3154, 0.4112)
contains.

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Color

Yxy(86.2349, 0.3155, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	C1FFB6
RGB	193, 255, 182
RGB Percent	76%, 100%, 71%
CMY	0.2428, 0.0001, 0.2862
CMYK	0.24, 0.00, 0.29, 0.00
HSL	111°, 100%, 86%
HSV	111°, 29%, 100%
XYZ	66.2135, 86.2349, 57.4200
YIQ	228.1400, -13.5190, -35.8470

Conversions

Conversions Part 2

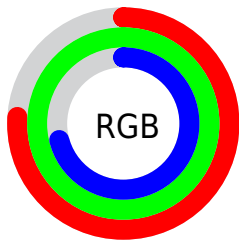
Format	Color
RYB	182, 255, 244
Decimal	12713910
CIELab	94.41, -32.68, 28.78
CIElCh	94, 43.545, 138.625
Yxy	86.2349, 0.3155, 0.4109
Android (android.graphics.Color)	4290903990 (0xFFC1FFB6)
YUV	228.1400, -22.7470, -30.8178
Hunter-Lab	92.8627, -35.2348, 28.3430

Details

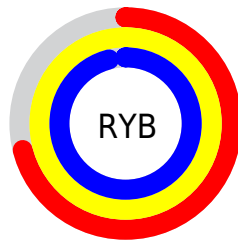
The Yxy color **86.2349, 0.3155, 0.4109** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.9012, 0.3075, 0.2556**, and the grayscale version is **77.8828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2023, 0.3201, 0.3455**, and **47.3764, 0.3146, 0.4303** is the 20% darker color. If you saturate the color by 10%, you get **82.6387, 0.3158, 0.4446**, and if you desaturate by 10%, it is **90.4463, 0.3148, 0.3795**.

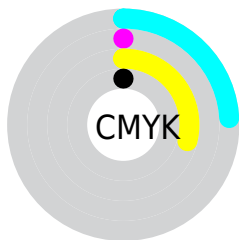
Distribution



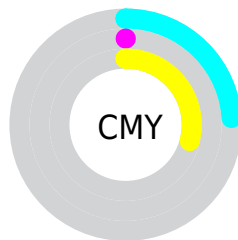
- Red (76%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.2349, 0.3155, 0.4109 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 86.2349, 0.3155, 0.4109 by changing the saturation by 10% instead.

 86.2349, 0.3155,
0.4109

 86.2349, 0.3155,
0.4109


515.7054, 0.3153,
0.3724

 64.8622, 0.3153,
0.4198


 142.0972, 0.3156,
0.3974

 47.3494, 0.3149,
0.4308

177.3557, 0.3156,
0.3922

 33.3119, 0.3142,
0.4449


218.0116, 0.3156,
0.3878

 22.3655, 0.3128,
0.4632

264.4492, 0.3155,
0.3839

 14.1257, 0.3103,
0.4882

317.0530, 0.3155,
0.3805

 8.2082, 0.3054,
0.5239


376.2074, 0.3154,


 4.2284, 0.2946,


0.3775


0.5781

442.2967, 0.3153,
0.3748


 1.8021, 0.2851,
0.7149


 0.4885, 0.0000,
1.0000


 86.2349, 0.3155,
0.4109

 86.2349, 0.3155,
0.4109


 82.6387, 0.3158,
0.4446


 90.4463, 0.3148,
0.3795

 79.6183, 0.3155,
0.4793

 95.2882, 0.3138,
0.3510

 77.1465, 0.3144,
0.5132

 99.9915, 0.3127,
0.3290

 75.1899, 0.3126,
0.5439

■ 73.7110, 0.3101,
0.5690

■ 72.6671, 0.3071,
0.5865

■ 72.0046, 0.3040,
0.5961

■ 71.9366, 0.3036,
0.5971

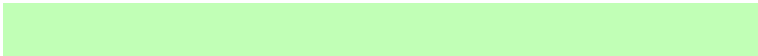
Harmonies

Analogous

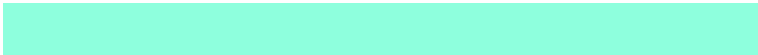
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.2349, 0.3634, 0.4179



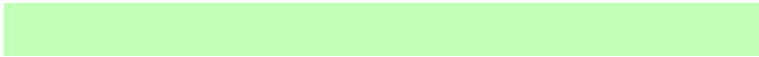
86.2349, 0.3155, 0.4109



86.2349, 0.2690, 0.3752

Triad

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



86.2349, 0.3155, 0.4109



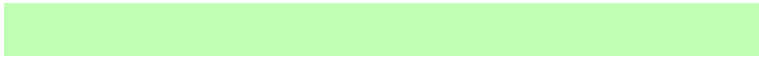
86.2349, 0.2309, 0.2566



86.2349, 0.3951, 0.3239

Complementary

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



86.2349, 0.3155, 0.4109



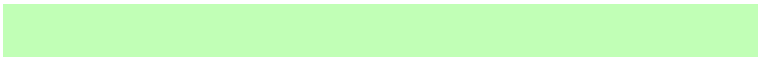
59.9012, 0.3075, 0.2556

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.



86.2349, 0.3541, 0.2880



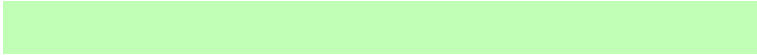
86.2349, 0.3155, 0.4109



86.2349, 0.2592, 0.2501

Square

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



86.2349, 0.3155, 0.4109



86.2349, 0.2227, 0.2825



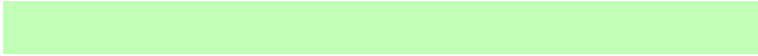
86.2349, 0.3036, 0.2617



86.2349, 0.4118, 0.3633

Rectangle

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



86.2349, 0.3155, 0.4109



86.2349, 0.2449, 0.3425



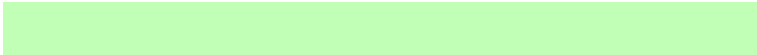
86.2349, 0.3036, 0.2617



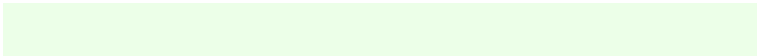
86.2349, 0.3836, 0.3112

Sweetspot

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



86.2386, 0.3155, 0.4109



95.1018, 0.3138, 0.3520



88.6324, 0.3592, 0.3898



20.1970, 0.3140, 0.3560



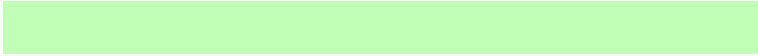
0.0000, 0.0000, 0.0000



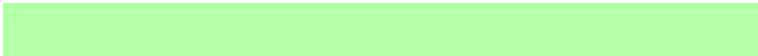
21.4041, 0.3127, 0.3290

Same Dimension

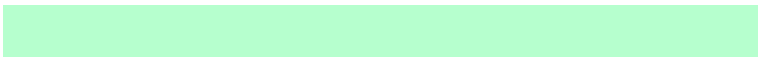
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2386, 0.3155, 0.4109



84.2368, 0.3157, 0.4288



85.9317, 0.2959, 0.3838



20.3003, 0.3139, 0.3534



37.6321, 0.3043, 0.5966



3.7011, 0.3103, 0.5918

Inverse Universe

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



59.9012, 0.3075, 0.2556



54.1867, 0.3062, 0.2416



60.4716, 0.3349, 0.2799



18.1526, 0.3114, 0.3054



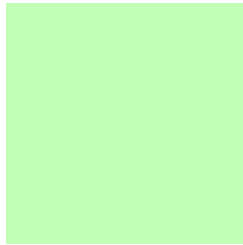
11.4791, 0.2828, 0.1331



1.1538, 0.2874, 0.1357

Previews

White Background



This preview shows how the Yxy color 86.2349, 0.3155, 0.4109 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 86.2349, 0.3155, 0.4109 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

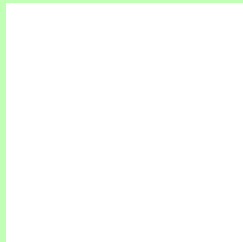
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.2349, 0.3155, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 86.2349, 0.3155, 0.4109.

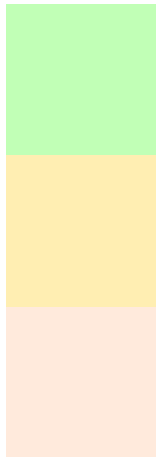


This preview shows how white text looks on a background with the Yxy color 86.2349, 0.3155, 0.4109.

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

86.2349, 0.3155, 0.4109

Protanopia

85.6234, 0.3631, 0.3894

Deuteranopia

85.2729, 0.3362, 0.3430



Tritanopia

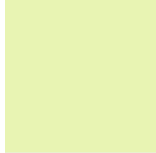
85.7843, 0.2907, 0.3156

Trichromacy



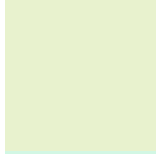
Original Color

86.2349, 0.3155, 0.4109



Protanomaly

85.1118, 0.3446, 0.3976



Deuteranomaly

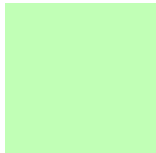
85.1163, 0.3282, 0.3667



Tritanomaly

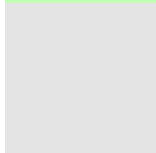
85.8246, 0.3005, 0.3492

Monochromacy



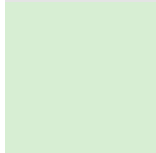
Original Color

86.2349, 0.3155, 0.4109



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

80.2993, 0.3140, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.2349, 0.3155, 0.4109 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(193, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 182)  
}
```

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(193, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 86.2349, 0.3155, 0.4109 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(193, 255, 182) }
```

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

```
.border{ border-color:rgb(193, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 255, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 255, 182); box-shadow:4px 4px 4px 4px rgb(193, 255, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 86.2349, 0.3155, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 182) }
```

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

```
.background{ background-color: rgb(193,  
255, 182) }
```

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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