

Converting Colors

Yxy(91.3163, 0.3153, 0.4190)

Have a look what the booklet for
Yxy(91.3163, 0.3153, 0.4190)
contains.

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Color

Yxy(86.1937, 0.3160, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	C1FFB5
RGB	193, 255, 181
RGB Percent	76%, 100%, 71%
CMY	0.2431, 0.0000, 0.2902
CMYK	0.24, 0.00, 0.29, 0.00
HSL	110°, 100%, 85%
HSV	110°, 29%, 100%
XYZ	66.0937, 86.1937, 56.8699
YIQ	228.0260, -13.1980, -36.1580

Conversions

Conversions Part 2

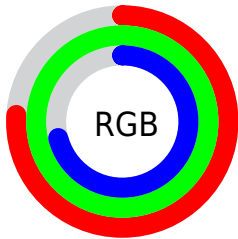
Format	Color
RYB	181, 255, 243
Decimal	12713909
CIELab	94.40, -32.87, 29.27
CIElCh	94, 44.012, 138.314
Yxy	86.1937, 0.3160, 0.4121
Android (android.graphics.Color)	4290903989 (0xFFC1FFB5)
YUV	228.0260, -23.1838, -30.7178
Hunter-Lab	92.8406, -35.3959, 28.6701

Details

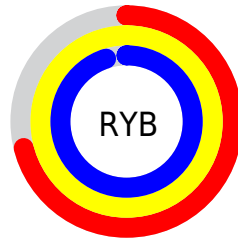
The Yxy color **86.1937, 0.3160, 0.4121** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.3232, 0.3068, 0.2544**, and the grayscale version is **77.7839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1437, 0.3207, 0.3465**, and **47.3500, 0.3153, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **82.6336, 0.3164, 0.4458**, and if you desaturate by 10%, it is **90.3525, 0.3151, 0.3806**.

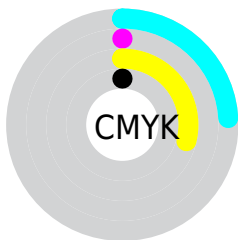
Distribution



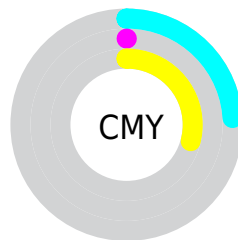
- Red (76%)
- Green (100%)
- Blue (71%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1937, 0.3160, 0.4121 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 86.1937, 0.3160, 0.4121 by changing the saturation by 10% instead.


 86.1937, 0.3160,
0.4121

 86.1937, 0.3160,
0.4121


515.5697, 0.3156,
0.3730

 64.8282, 0.3158,
0.4211

 142.0398, 0.3161,
0.3984

 47.3218, 0.3155,
0.4323


177.2891, 0.3160,
0.3932

 33.2901, 0.3148,
0.4466


217.9351, 0.3160,
0.3886

 22.3488, 0.3135,
0.4652

264.3622, 0.3159,
0.3847

 14.1134, 0.3110,
0.4905

316.9549, 0.3158,
0.3812

 8.1996, 0.3060,
0.5267

376.0974, 0.3157,

 4.2229, 0.2952,

0.3782

0.5817

442.1742, 0.3157,
0.3754

1.7990, 0.2836,
0.7164

0.4866, 0.0000,
1.0000

86.1937, 0.3160,
0.4121

86.1937, 0.3160,
0.4121

82.6336, 0.3164,
0.4458

90.3525, 0.3151,
0.3806

79.6422, 0.3162,
0.4804

95.1336, 0.3139,
0.3521

77.1901, 0.3152,
0.5141

100.0000, 0.3127,
0.3290

75.2446, 0.3134,
0.5445

■ 73.7690, 0.3108,
0.5693

■ 72.7216, 0.3076,
0.5865

■ 72.0490, 0.3044,
0.5960

■ 71.9989, 0.3041,
0.5968

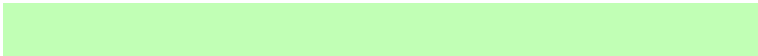
Harmonies

Analogous

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



86.1937, 0.3644, 0.4188



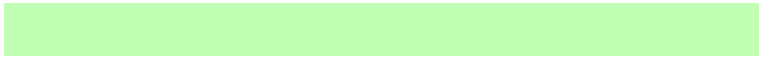
86.1937, 0.3160, 0.4121



86.1937, 0.2690, 0.3763

Triad

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



86.1937, 0.3160, 0.4121



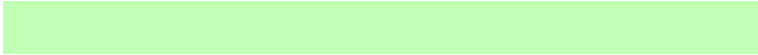
86.1937, 0.2299, 0.2560



86.1937, 0.3957, 0.3234

Complementary

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



86.1937, 0.3160, 0.4121



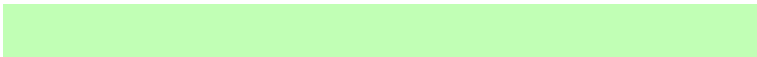
59.3232, 0.3068, 0.2544

Split Complementary

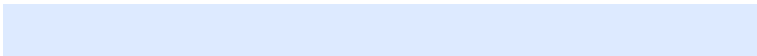
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1937, 0.3541, 0.2872



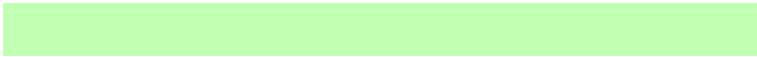
86.1937, 0.3160, 0.4121



86.1937, 0.2583, 0.2493

Square

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



86.1937, 0.3160, 0.4121



86.1937, 0.2218, 0.2824



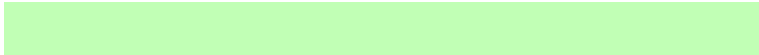
86.1937, 0.3029, 0.2608



86.1937, 0.4129, 0.3632

Rectangle

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



86.1937, 0.3160, 0.4121



86.1937, 0.2445, 0.3431



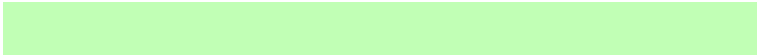
86.1937, 0.3029, 0.2608



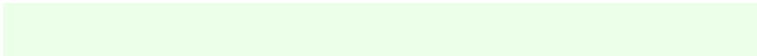
86.1937, 0.3840, 0.3106

Sweetspot

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



86.1945, 0.3160, 0.4121



95.1430, 0.3139, 0.3520



88.4984, 0.3599, 0.3907



20.2071, 0.3141, 0.3560



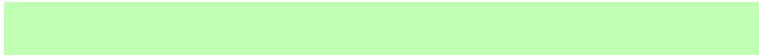
0.0000, 0.0000, 0.0000



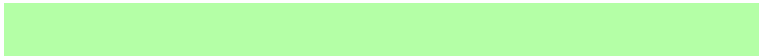
21.4041, 0.3127, 0.3290

Same Dimension

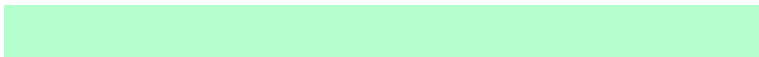
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1945, 0.3160, 0.4121



83.9945, 0.3163, 0.4320



85.7842, 0.2956, 0.3847



20.3096, 0.3140, 0.3534



37.6624, 0.3048, 0.5962



3.7054, 0.3110, 0.5913

Inverse Universe

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



59.3232, 0.3068, 0.2544



53.0187, 0.3051, 0.2388



60.0409, 0.3353, 0.2792



18.1425, 0.3112, 0.3054



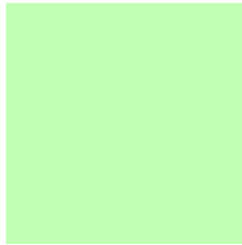
11.2698, 0.2801, 0.1317



1.1354, 0.2850, 0.1344

Previews

White Background



This preview shows how the Yxy color 86.1937, 0.3160, 0.4121 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 86.1937, 0.3160, 0.4121 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

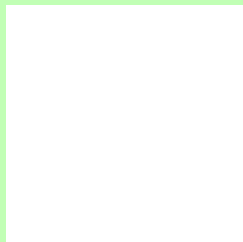
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1937, 0.3160, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 86.1937, 0.3160, 0.4121.

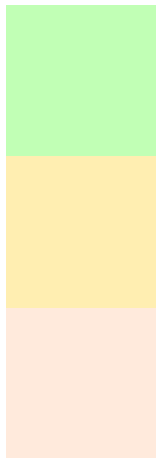


This preview shows how white text looks on a background with the Yxy color 86.1937, 0.3160, 0.4121.

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

86.1937, 0.3160, 0.4121

Protanopia

85.5834, 0.3638, 0.3904

Deuteranopia

85.2729, 0.3362, 0.3430



Tritanopia

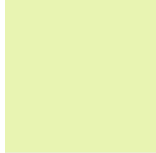
85.7843, 0.2907, 0.3156

Trichromacy



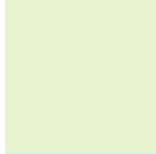
Original Color

86.1937, 0.3160, 0.4121



Protanomaly

85.0715, 0.3452, 0.3987



Deuteranomaly

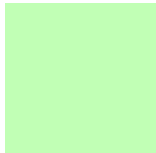
85.1163, 0.3282, 0.3667



Tritanomaly

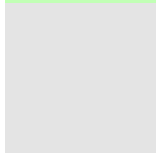
85.8246, 0.3005, 0.3492

Monochromacy



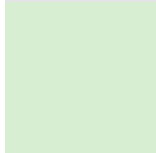
Original Color

86.1937, 0.3160, 0.4121



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 86.1937, 0.3160, 0.4121 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 86.1937, 0.3160, 0.4121 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, 181) }
```

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

```
.border{ border-color:rgb(193, 255, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1937, 0.3160, 0.4121 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, 181) }
```

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

```
.background{ background-color: rgb(193,  
255, 181) }
```

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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