

Converting Colors

Yxy(83.4759, 0.3242, 0.4496)

Have a look what the booklet for
Yxy(83.4759, 0.3242, 0.4496)
contains.

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Color

Yxy(83.4253, 0.3243, 0.4502)

Conversions

Conversions Part 1

Format	Color
Hex	B4FF96
RGB	180, 255, 150
RGB Percent	71%, 100%, 59%
CMY	0.2939, 0.0000, 0.4118
CMYK	0.29, 0.00, 0.41, 0.00
HSL	103°, 100%, 79%
HSV	103°, 41%, 100%
XYZ	60.0951, 83.4253, 41.7868
YIQ	220.6050, -10.9950, -48.5550

Conversions

Conversions Part 2

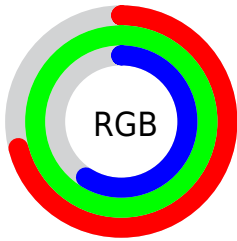
Format	Color
RYB	150, 255, 225
Decimal	11861910
CIELab	93.20, -41.55, 42.93
CIElCh	93, 59.745, 134.058
Yxy	83.4253, 0.3243, 0.4502
Android (android.graphics.Color)	4290051990 (0xFFB4FF96)
YUV	220.6050, -34.8083, -35.6106
Hunter-Lab	91.3375, -42.3972, 36.8111

Details

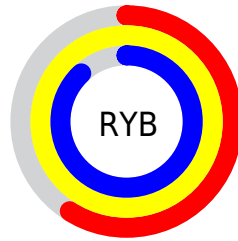
The Yxy color **83.4253, 0.3243, 0.4502** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.0302, 0.2924, 0.2195**, and the grayscale version is **72.2775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1049, 0.3311, 0.3799**, and **45.5363, 0.3239, 0.4809** is the 20% darker color. If you saturate the color by 10%, you get **80.6511, 0.3254, 0.4833**, and if you desaturate by 10%, it is **86.6723, 0.3223, 0.4175**.

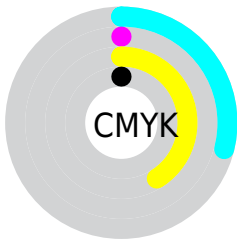
Distribution



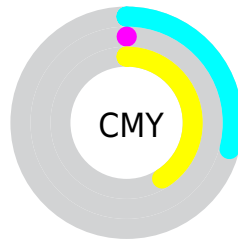
- Red (71%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.4253, 0.3243, 0.4502 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 83.4253, 0.3243, 0.4502 by changing the saturation by 10% instead.


 83.4253, 0.3243,
0.4502

 83.4253, 0.3243,
0.4502

506.4028, 0.3214,
0.3924

 62.5411, 0.3243,
0.4636


 138.1710, 0.3238,
0.4299

 45.4700, 0.3239,
0.4802


 172.8012, 0.3235,
0.4221

 31.8278, 0.3228,
0.5013


212.7822, 0.3231,
0.4154

 21.2300, 0.3204,
0.5286

258.4984, 0.3228,
0.4095

 13.2922, 0.3152,
0.5652

310.3342, 0.3224,
0.4045

 7.6301, 0.3040,
0.6153


368.6739, 0.3220,


 3.8592, 0.2896,

0.4000

0.7104


433.9020, 0.3217,
0.3960

 1.5951, 0.1902,
0.8098


 0.3543, 0.0000,
1.0000


 83.4253, 0.3243,
0.4502


 83.4253, 0.3243,
0.4502


 80.6511, 0.3254,
0.4833


 86.6723, 0.3223,
0.4175

 78.3161, 0.3252,
0.5150

 90.4025, 0.3196,
0.3865

 76.3990, 0.3235,
0.5432

 94.6393, 0.3164,
0.3578

 74.8721, 0.3204,
0.5661

 99.4012, 0.3131,
0.3319

■ 73.7036, 0.3161,
0.5820

99.9980, 0.3127,
0.3290

■ 72.9337, 0.3118,
0.5906

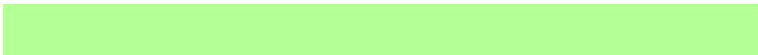
Harmonies

Analogous

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



83.4253, 0.3886, 0.4492



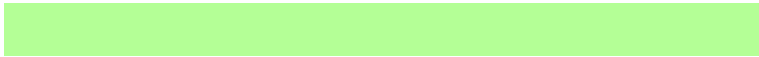
83.4253, 0.3243, 0.4502



83.4253, 0.2603, 0.4046

Triad

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



83.4253, 0.3243, 0.4502



83.4253, 0.1999, 0.2339



83.4253, 0.4205, 0.3123

Complementary

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



83.4253, 0.3243, 0.4502



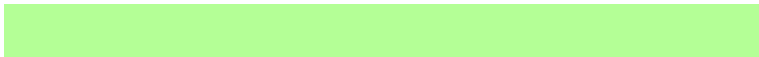
45.0302, 0.2924, 0.2195

Split Complementary

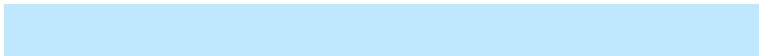
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4253, 0.3588, 0.2673



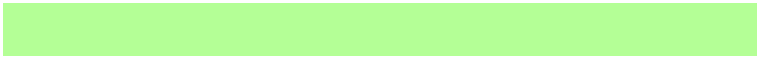
83.4253, 0.3243, 0.4502



83.4253, 0.2326, 0.2234

Square

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



83.4253, 0.3243, 0.4502



83.4253, 0.1931, 0.2707



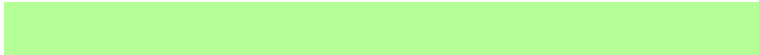
83.4253, 0.2888, 0.2358



83.4253, 0.4490, 0.3636

Rectangle

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



83.4253, 0.3243, 0.4502



83.4253, 0.2264, 0.3575



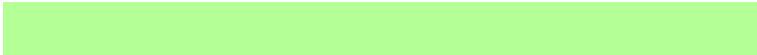
83.4253, 0.2888, 0.2358



83.4253, 0.4026, 0.2962

Sweetspot

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



83.4289, 0.3243, 0.4502



94.2737, 0.3167, 0.3601



76.5025, 0.3866, 0.4037



20.0549, 0.3171, 0.3637



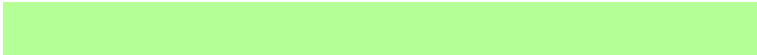
0.0000, 0.0000, 0.0000



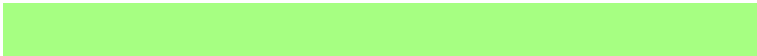
21.4041, 0.3127, 0.3290

Same Dimension

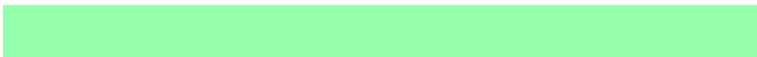
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4289, 0.3243, 0.4502



81.2196, 0.3252, 0.4761



80.9418, 0.2965, 0.4309



20.4198, 0.3159, 0.3533



38.1755, 0.3128, 0.5898



3.7696, 0.3209, 0.5834

Inverse Universe

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



45.0302, 0.2924, 0.2195



38.2958, 0.2871, 0.1987



49.0113, 0.3354, 0.2453



18.0239, 0.3092, 0.3052



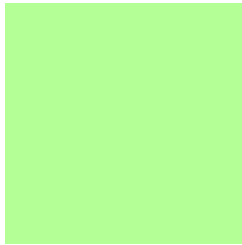
9.0500, 0.2494, 0.1148



0.9367, 0.2578, 0.1194

Previews

White Background



This preview shows how the Yxy color 83.4253, 0.3243, 0.4502 looks on a white background.

Color Contrast Check

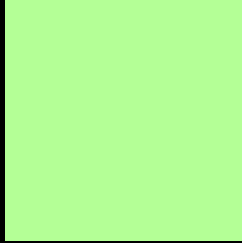
Large Text (above 18pt) WCAG AA × Fail

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 83.4253, 0.3243, 0.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

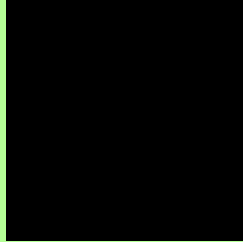
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

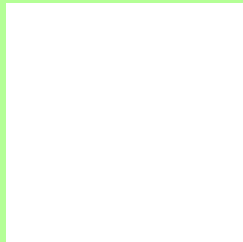
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.4253, 0.3243, 0.4502

Background



This preview shows how black text looks on a background with the Yxy color 83.4253, 0.3243, 0.4502.

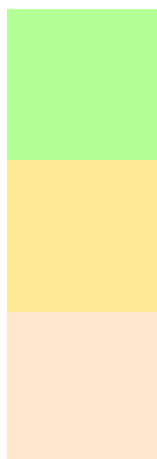


This preview shows how white text looks on a background with the Yxy color 83.4253, 0.3243, 0.4502.

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

83.4253, 0.3243, 0.4502

Protanopia

82.8787, 0.3820, 0.4141

Deuteranopia

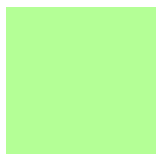
82.3586, 0.3456, 0.3522



Tritanopia

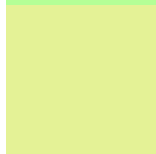
82.9501, 0.2840, 0.3132

Trichromacy



Original Color

83.4253, 0.3243, 0.4502



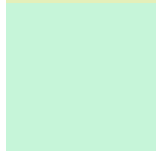
Protanomaly

82.2003, 0.3597, 0.4270



Deuteranomaly

81.7722, 0.3384, 0.3858



Tritanomaly

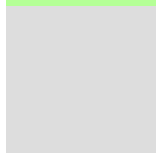
82.3203, 0.2994, 0.3599

Monochromacy



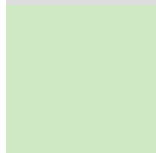
Original Color

83.4253, 0.3243, 0.4502



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

75.3398, 0.3181, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.4253, 0.3243, 0.4502 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(180, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 150)  
}
```

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(180, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 150) }
```

Border

The CSS property to change the border of an element to Yxy 83.4253, 0.3243, 0.4502 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(180, 255, 150) }
```

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

```
.border{ border-color:rgb(180, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4253, 0.3243, 0.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 150) }
```

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

```
.background{ background-color: rgb(180,  
255, 150) }
```

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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