

Converting Colors

Yxy(84.5470, 0.3326, 0.4522)

Have a look what the booklet for
Yxy(84.5470, 0.3326, 0.4522)
contains.

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Color

Yxy(84.5425, 0.3326, 0.4522)

Conversions

Conversions Part 1

Format	Color
Hex	BEFF92
RGB	190, 255, 146
RGB Percent	75%, 100%, 57%
CMY	0.2549, 0.0000, 0.4275
CMYK	0.25, 0.00, 0.43, 0.00
HSL	96°, 100%, 79%
HSV	96°, 43%, 100%
XYZ	62.1823, 84.5425, 40.2334
YIQ	223.1390, -3.7510, -47.6790

Conversions

Conversions Part 2

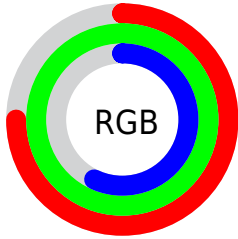
Format	Color
RYB	146, 255, 211
Decimal	12517266
CIELab	93.69, -38.73, 45.60
CIELCh	94, 59.822, 130.343
Yxy	84.5425, 0.3326, 0.4522
Android (android.graphics.Color)	4290707346 (0xFFBEFF92)
YUV	223.1390, -38.0295, -29.0629
Hunter-Lab	91.9470, -40.1905, 38.4193

Details

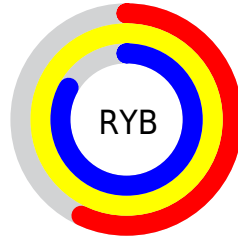
The Yxy color **84.5425, 0.3326, 0.4522** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **41.6268, 0.2808, 0.2118**, and the grayscale version is **74.1715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6935, 0.3401, 0.3828**, and **46.2468, 0.3339, 0.4825** is the 20% darker color. If you saturate the color by 10%, you get **81.9776, 0.3351, 0.4835**, and if you desaturate by 10%, it is **87.4873, 0.3289, 0.4207**.

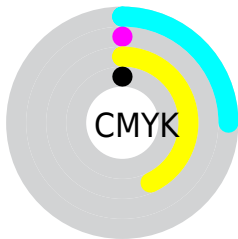
Distribution



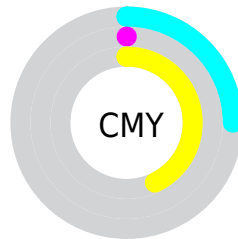
- Red (75%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5425, 0.3326, 0.4522 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 84.5425, 0.3326, 0.4522 by changing the saturation by 10% instead.


 84.5425, 0.3326,
0.4522


 84.5425, 0.3326,
0.4522


510.1130, 0.3261,
0.3939

 63.4634, 0.3333,
0.4656


 139.7338, 0.3309,
0.4318

 46.2162, 0.3339,
0.4821


 174.6148, 0.3301,
0.4240

 32.4165, 0.3338,
0.5029


214.8653, 0.3293,
0.4172

 21.6798, 0.3327,
0.5296

260.8696, 0.3286,
0.4113

 13.6218, 0.3290,
0.5647

313.0121, 0.3279,
0.4061

 7.8581, 0.3198,
0.6122

371.6773, 0.3272,

 4.0043, 0.3056,

0.4016

0.6944

437.2494, 0.3266,
0.3975

1.6760, 0.2279,
0.7721

0.4080, 0.0000,
1.0000

84.5425, 0.3326,
0.4522

84.5425, 0.3326,
0.4522

81.9776, 0.3351,
0.4835

87.4873, 0.3289,
0.4207

79.7766, 0.3360,
0.5131

90.8309, 0.3244,
0.3904

77.9188, 0.3350,
0.5391

94.5882, 0.3194,
0.3619

76.3819, 0.3320,
0.5599

98.7739, 0.3142,
0.3357

■ 75.1399, 0.3273,
0.5745

100.0000, 0.3127,
0.3290

■ 74.3992, 0.3232,
0.5816

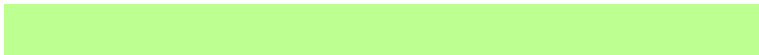
Harmonies

Analogous

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



84.5425, 0.3955, 0.4458



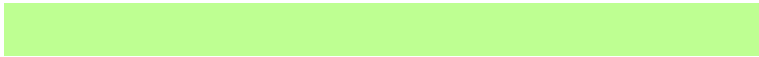
84.5425, 0.3326, 0.4522



84.5425, 0.2677, 0.4121

Triad

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



84.5425, 0.3326, 0.4522



84.5425, 0.1979, 0.2373



84.5425, 0.4139, 0.3063

Complementary

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



84.5425, 0.3326, 0.4522



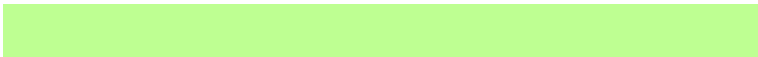
41.6268, 0.2808, 0.2118

Split Complementary

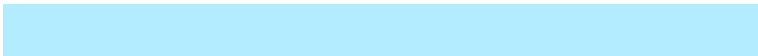
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5425, 0.3500, 0.2627



84.5425, 0.3326, 0.4522



84.5425, 0.2274, 0.2237

Square

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



84.5425, 0.3326, 0.4522



84.5425, 0.1945, 0.2774



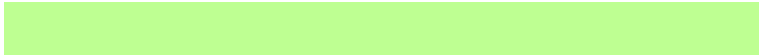
84.5425, 0.2809, 0.2334



84.5425, 0.4474, 0.3571

Rectangle

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



84.5425, 0.3326, 0.4522



84.5425, 0.2322, 0.3665



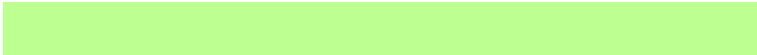
84.5425, 0.2809, 0.2334



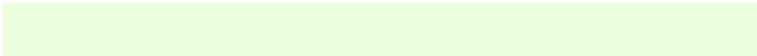
84.5425, 0.3948, 0.2906

Sweetspot

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



84.5418, 0.3326, 0.4522



94.4873, 0.3195, 0.3626



69.2228, 0.3953, 0.3944



20.0394, 0.3206, 0.3687



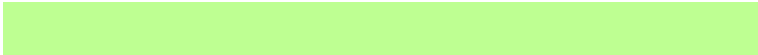
0.0000, 0.0000, 0.0000



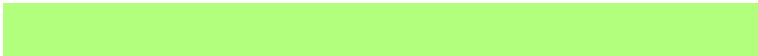
21.4041, 0.3127, 0.3290

Same Dimension

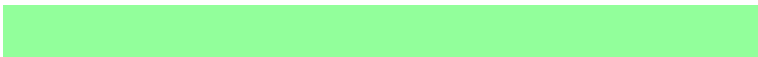
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5418, 0.3326, 0.4522



82.3985, 0.3348, 0.4781



80.0002, 0.3021, 0.4515



20.5259, 0.3177, 0.3531



38.9566, 0.3244, 0.5807



3.8548, 0.3331, 0.5737

Inverse Universe

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



41.6268, 0.2808, 0.2118



34.5021, 0.2725, 0.1885



48.4661, 0.3253, 0.2314



17.9133, 0.3073, 0.3051



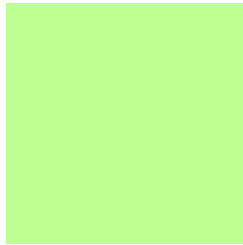
7.3537, 0.2222, 0.0997



0.7797, 0.2331, 0.1058

Previews

White Background



This preview shows how the Yxy color 84.5425, 0.3326, 0.4522 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 84.5425, 0.3326, 0.4522 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

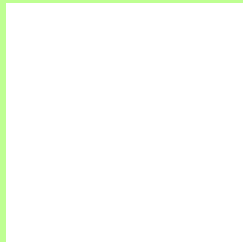
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5425, 0.3326, 0.4522

Background



This preview shows how black text looks on a background with the Yxy color 84.5425, 0.3326, 0.4522.

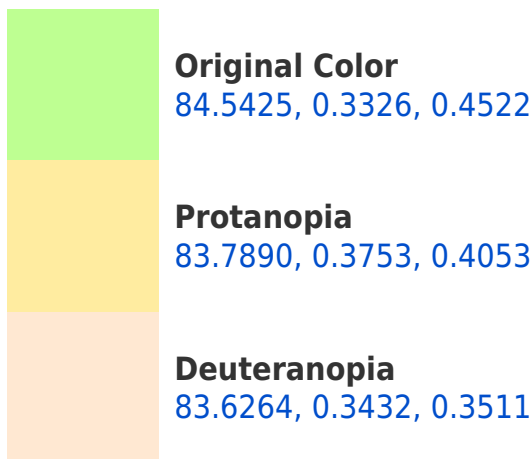


This preview shows how white text looks on a background with the Yxy color 84.5425, 0.3326, 0.4522.

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

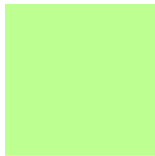




Tritanopia

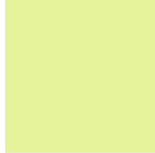
83.9872, 0.2882, 0.3134

Trichromacy



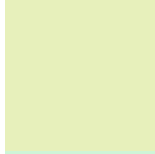
Original Color

84.5425, 0.3326, 0.4522



Protanomaly

83.4567, 0.3586, 0.4220



Deuteranomaly

82.8970, 0.3397, 0.3853



Tritanomaly

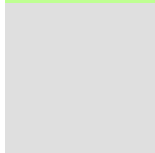
83.3329, 0.3055, 0.3617

Monochromacy



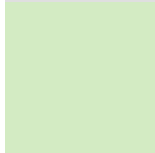
Original Color

84.5425, 0.3326, 0.4522



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

77.2057, 0.3214, 0.3736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5425, 0.3326, 0.4522 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(190, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(190, 255, 146)  
}
```

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(190, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 146) }
```

Border

The CSS property to change the border of an element to Yxy 84.5425, 0.3326, 0.4522 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(190, 255, 146) }
```

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

```
.border{ border-color:rgb(190, 255, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 255, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 255, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 255, 146); box-shadow:4px 4px 4px 4px rgb(190, 255, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5425, 0.3326, 0.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 146) }
```

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

```
.background{ background-color: rgb(190,  
255, 146) }
```

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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