

Converting Colors

$Yxy(82.4555, 0.3204, 0.4317)$

Have a look what the booklet for
Yxy(82.4555, 0.3204, 0.4317)
contains.

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Color

Yxy(82.4555, 0.3204, 0.4317)

Conversions

Conversions Part 1

Format	Color
Hex	B8FCA3
RGB	184, 252, 163
RGB Percent	72%, 99%, 64%
CMY	0.2783, 0.0118, 0.3607
CMYK	0.27, 0.00, 0.35, 0.01
HSL	106°, 94%, 81%
HSV	106°, 35%, 99%
XYZ	61.1970, 82.4555, 47.3494
YIQ	221.5220, -11.9590, -42.0950

Conversions

Conversions Part 2

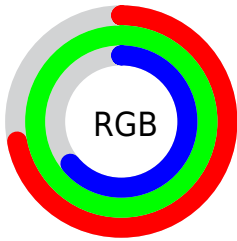
Format	Color
RYB	163, 252, 231
Decimal	12123299
CIELab	92.78, -37.11, 36.02
CIELCh	93, 51.715, 135.853
Yxy	82.4555, 0.3204, 0.4317
Android (android.graphics.Color)	4290313379 (0xFFB8FCA3)
YUV	221.5220, -28.8513, -32.9068
Hunter-Lab	90.8050, -38.6107, 32.6473

Details

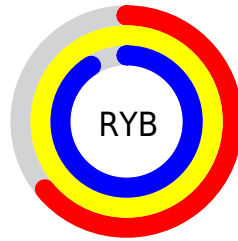
The Yxy color **82.4555, 0.3204, 0.4317** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.2152, 0.2997, 0.2366**, and the grayscale version is **72.9144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5117, 0.3255, 0.3650**, and **44.8231, 0.3204, 0.4576** is the 20% darker color. If you saturate the color by 10%, you get **79.4256, 0.3214, 0.4653**, and if you desaturate by 10%, it is **85.9958, 0.3187, 0.3994**.

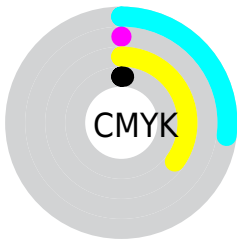
Distribution



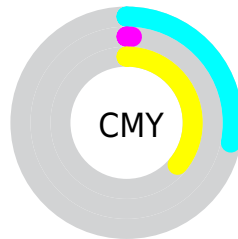
- Red (72%)
- Green (99%)
- Blue (64%)



- Red (64%)
- Yellow (99%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (35%)
- Black (1%)





- Cyan (28%)
- Magenta (1%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.4555, 0.3204, 0.4317 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 82.4555, 0.3204, 0.4317 by changing the saturation by 10% instead.


 82.4555, 0.3204,
0.4317

 82.4555, 0.3204,
0.4317


503.1700, 0.3186,
0.3828

 61.7411, 0.3204,
0.4431


 136.8126, 0.3201,
0.4145

 44.8235, 0.3201,
0.4573


 171.2240, 0.3199,
0.4079

 31.3184, 0.3193,
0.4754


210.9699, 0.3197,
0.4022

 20.8414, 0.3176,
0.4990

256.4347, 0.3194,
0.3973

 13.0082, 0.3139,
0.5312

308.0027, 0.3192,
0.3930

 7.4342, 0.3061,
0.5766


366.0583, 0.3190,


 3.7351, 0.2967,


0.3892

0.6630


430.9859, 0.3188,
0.3858

 1.5265, 0.2231,
0.7769


 0.3073, 0.0000,
1.0000


 82.4555, 0.3204,
0.4317

 82.4555, 0.3204,
0.4317

 79.4256, 0.3214,
0.4653


 85.9958, 0.3187,
0.3994


 76.8719, 0.3214,
0.4987

 90.0580, 0.3165,
0.3694

 74.7721, 0.3203,
0.5298

 94.6665, 0.3141,
0.3422

 73.0980, 0.3179,
0.5565

 98.0985, 0.3128,
0.3261

■ 71.8176, 0.3144,
0.5768

■ 70.8939, 0.3102,
0.5895

■ 70.5646, 0.3082,
0.5935

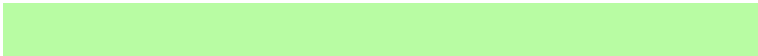
Harmonies

Analogous

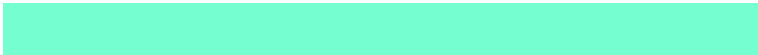
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4555, 0.3772, 0.4350



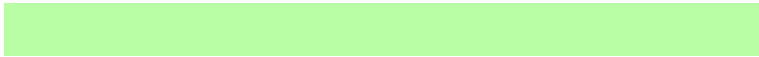
82.4555, 0.3204, 0.4317



82.4555, 0.2644, 0.3906

Triad

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



82.4555, 0.3204, 0.4317



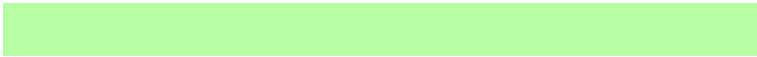
82.4555, 0.2140, 0.2444



82.4555, 0.4087, 0.3178

Complementary

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



82.4555, 0.3204, 0.4317



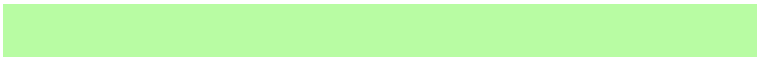
50.2152, 0.2997, 0.2366

Split Complementary

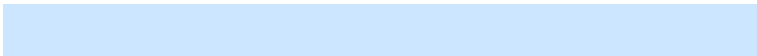
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4555, 0.3568, 0.2767



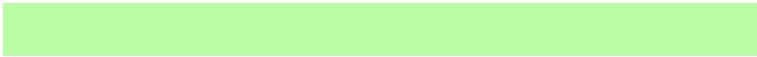
82.4555, 0.3204, 0.4317



82.4555, 0.2448, 0.2356

Square

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



82.4555, 0.3204, 0.4317



82.4555, 0.2066, 0.2763



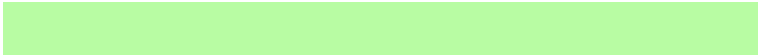
82.4555, 0.2957, 0.2476



82.4555, 0.4318, 0.3638

Rectangle

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



82.4555, 0.3204, 0.4317



82.4555, 0.2350, 0.3504



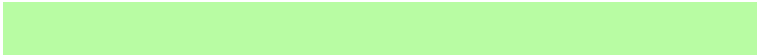
82.4555, 0.2957, 0.2476



82.4555, 0.3938, 0.3032

Sweetspot

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



82.4590, 0.3204, 0.4317



94.4841, 0.3155, 0.3574



79.7959, 0.3733, 0.3972



20.0883, 0.3158, 0.3611



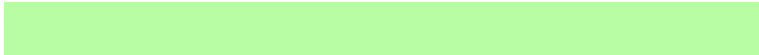
0.0000, 0.0000, 0.0000



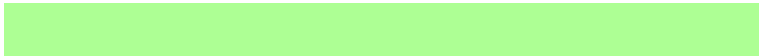
21.4041, 0.3127, 0.3290

Same Dimension

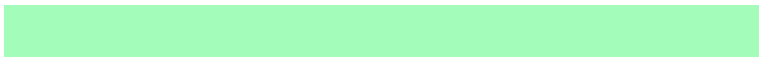
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.4590, 0.3204, 0.4317



82.5622, 0.3211, 0.4542



80.9213, 0.2962, 0.4083



19.5071, 0.3151, 0.3533



36.8146, 0.3091, 0.5928



3.4559, 0.3170, 0.5865

Inverse Universe

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



50.2152, 0.2997, 0.2366



45.1416, 0.2963, 0.2187



52.5961, 0.3352, 0.2612



17.3058, 0.3100, 0.3054



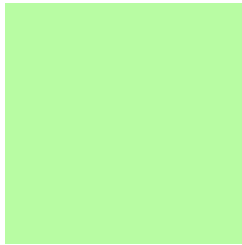
9.6013, 0.2617, 0.1215



0.9373, 0.2691, 0.1256

Previews

White Background



This preview shows how the Yxy color 82.4555, 0.3204, 0.4317 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 82.4555, 0.3204, 0.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

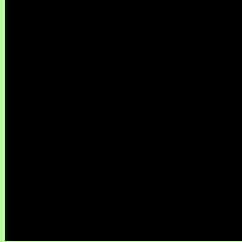
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.4555, 0.3204, 0.4317

Background



This preview shows how black text looks on a background with the Yxy color 82.4555, 0.3204, 0.4317.

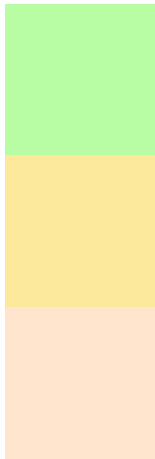


This preview shows how white text looks on a background with the Yxy color 82.4555, 0.3204, 0.4317.

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

82.4555, 0.3204, 0.4317

Protanopia

81.5270, 0.3781, 0.4079

Deuteranopia

81.7549, 0.3464, 0.3523



Tritanopia

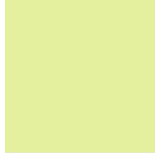
82.0748, 0.2828, 0.3121

Trichromacy



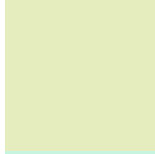
Original Color

82.4555, 0.3204, 0.4317



Protanomaly

81.2828, 0.3555, 0.4169



Deuteranomaly

80.9441, 0.3369, 0.3793



Tritanomaly

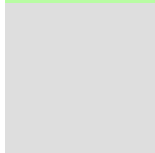
81.9811, 0.2965, 0.3532

Monochromacy



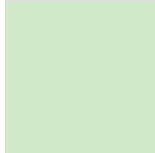
Original Color

82.4555, 0.3204, 0.4317



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.9048, 0.3158, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4555, 0.3204, 0.4317 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(184, 252, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 252, 163)  
}
```

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(184, 252, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 252, 163) }
```

Border

The CSS property to change the border of an element to Yxy 82.4555, 0.3204, 0.4317 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(184, 252, 163) }
```

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

```
.border{ border-color:rgb(184, 252, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 252, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 252, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 252, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 252,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4555, 0.3204, 0.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 252, 163) }
```

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

```
.background{ background-color: rgb(184,  
252, 163) }
```

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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