

Converting Colors

$Yxy(81.4574, 0.3373, 0.4208)$

Have a look what the booklet for
Yxy(81.4574, 0.3373, 0.4208)
contains.

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Color

Yxy(81.3591, 0.3373, 0.4204)

Conversions

Conversions Part 1

Format	Color
Hex	D0F5A3
RGB	208, 245, 163
RGB Percent	82%, 96%, 64%
CMY	0.1842, 0.0392, 0.3610
CMYK	0.15, 0.00, 0.33, 0.04
HSL	87°, 80%, 80%
HSV	87°, 33%, 96%
XYZ	65.2769, 81.3591, 46.8918
YIQ	224.5890, 4.2700, -33.3460

Conversions

Conversions Part 2

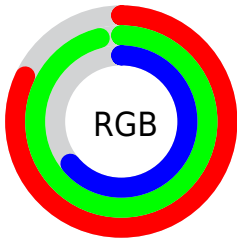
Format	Color
RYB	163, 245, 200
Decimal	13694371
CIELab	92.29, -25.63, 35.67
CIElCh	92, 43.928, 125.697
Yxy	81.3591, 0.3373, 0.4204
Android (android.graphics.Color)	4291884451 (0xFFD0F5A3)
YUV	224.5890, -30.3634, -14.5486
Hunter-Lab	90.1993, -28.6688, 32.3165

Details

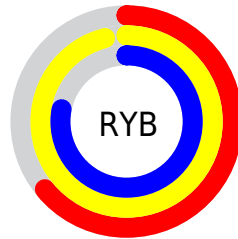
The Yxy color **81.3591, 0.3373, 0.4204** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **45.0421, 0.2799, 0.2362**, and the grayscale version is **75.2064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **44.2933, 0.3417, 0.4432** is the 20% darker color. If you saturate the color by 10%, you get **79.0225, 0.3433, 0.4500**, and if you desaturate by 10%, it is **83.9844, 0.3304, 0.3913**.

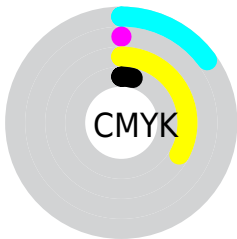
Distribution



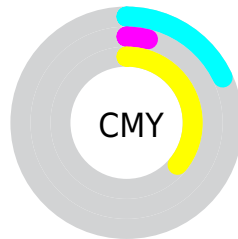
- Red (82%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)





- Cyan (18%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.3591, 0.3373, 0.4204 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 81.3591, 0.3373, 0.4204 by changing the saturation by 10% instead.


 81.3591, 0.3373,
0.4204

 81.3591, 0.3373,
0.4204

499.5014, 0.3274,
0.3774

 60.8374, 0.3392,
0.4303


 135.2749, 0.3342,
0.4054

 44.0940, 0.3412,
0.4425


 169.4377, 0.3329,
0.3996

 30.7444, 0.3434,
0.4580


208.9164, 0.3317,
0.3946

 20.4043, 0.3457,
0.4780

254.0954, 0.3307,
0.3902

 12.6893, 0.3475,
0.5049

305.3589, 0.3297,
0.3864

 7.2149, 0.3475,
0.5423


363.0915, 0.3289,


 3.5969, 0.3522,


0.3831


0.6148


427.6775, 0.3281,
0.3801

 1.4507, 0.3152,
0.6848


 0.2537, 0.0000,
1.0000


 81.3591, 0.3373,
0.4204


 81.3591, 0.3373,
0.4204


 79.0225, 0.3433,
0.4500

 83.9844, 0.3304,
0.3913


 76.9518, 0.3480,
0.4789

 86.8989, 0.3229,
0.3635

 75.1374, 0.3509,
0.5057

 90.1168, 0.3153,
0.3376

 73.5645, 0.3515,
0.5290

 93.2584, 0.3114,
0.3194

■ 72.2167, 0.3498,
0.5474

■ 93.7868, 0.3132,
0.3194

■ 71.0740, 0.3458,
0.5604

■ 70.4224, 0.3424,
0.5663

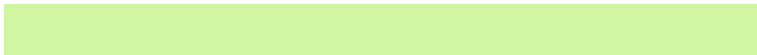
Harmonies

Analogous

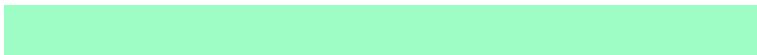
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3591, 0.3829, 0.4144



81.3591, 0.3373, 0.4204



81.3591, 0.2872, 0.3955

Triad

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



81.3591, 0.3373, 0.4204



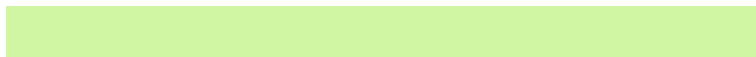
81.3591, 0.2225, 0.2635



81.3591, 0.3817, 0.3070

Complementary

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



81.3591, 0.3373, 0.4204



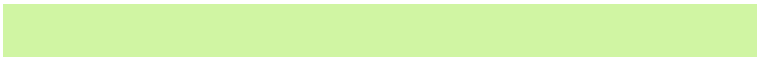
45.0421, 0.2799, 0.2362

Split Complementary

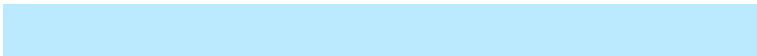
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3591, 0.3330, 0.2737



81.3591, 0.3373, 0.4204



81.3591, 0.2429, 0.2485

Square

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



81.3591, 0.3373, 0.4204



81.3591, 0.2235, 0.2985



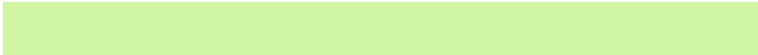
81.3591, 0.2821, 0.2528



81.3591, 0.4110, 0.3467

Rectangle

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



81.3591, 0.3373, 0.4204



81.3591, 0.2582, 0.3650



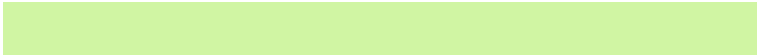
81.3591, 0.2821, 0.2528



81.3591, 0.3668, 0.2949

Sweetspot

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



81.3627, 0.3373, 0.4204



96.3501, 0.3203, 0.3543



63.3075, 0.3781, 0.3689



20.5189, 0.3214, 0.3580



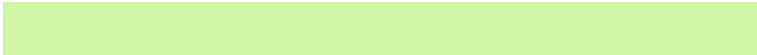
0.0000, 0.0000, 0.0000



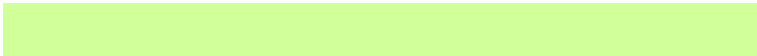
21.4041, 0.3127, 0.3290

Same Dimension

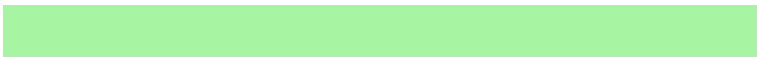
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3627, 0.3373, 0.4204



87.3790, 0.3414, 0.4399



76.1713, 0.3105, 0.4284



18.9206, 0.3199, 0.3529



38.0203, 0.3435, 0.5654



3.4026, 0.3525, 0.5583

Inverse Universe

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



45.0421, 0.2799, 0.2362



42.1410, 0.2716, 0.2160



51.4548, 0.3132, 0.2449



16.2924, 0.3050, 0.3050



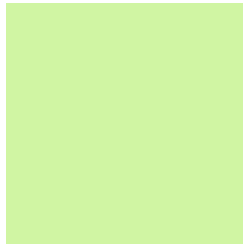
5.4319, 0.1931, 0.0837



0.5375, 0.2069, 0.0913

Previews

White Background



This preview shows how the Yxy color 81.3591, 0.3373, 0.4204 looks on a white background.

Color Contrast Check

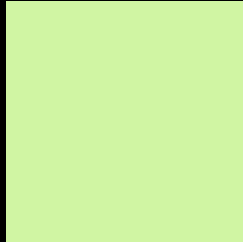
Large Text (above 18pt) WCAG AA × Fail

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 81.3591, 0.3373, 0.4204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

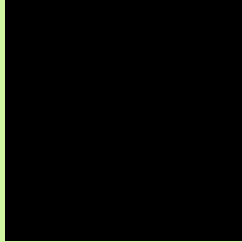
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

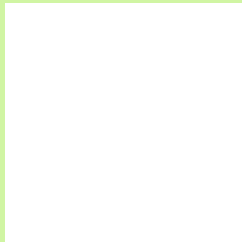
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3591, 0.3373, 0.4204

Background



This preview shows how black text looks on a background with the Yxy color 81.3591, 0.3373, 0.4204.

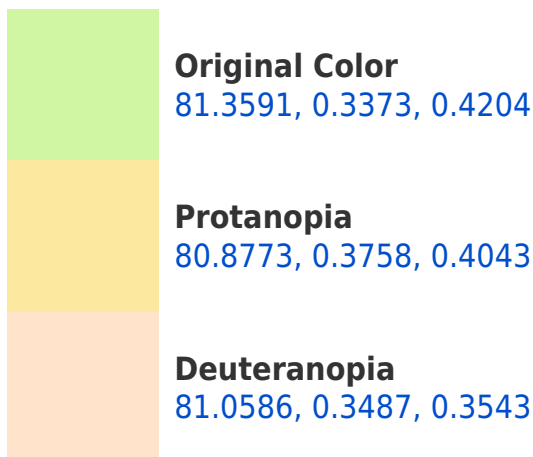


This preview shows how white text looks on a background with the Yxy color 81.3591, 0.3373, 0.4204.

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

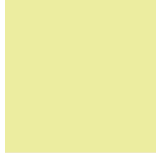
81.2461, 0.2934, 0.3104

Trichromacy



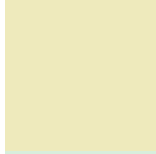
Original Color

81.3591, 0.3373, 0.4204



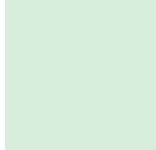
Protanomaly

80.9393, 0.3610, 0.4103



Deuteranomaly

80.6536, 0.3452, 0.3775



Tritanomaly

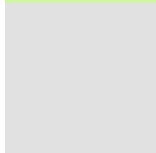
80.9153, 0.3092, 0.3484

Monochromacy



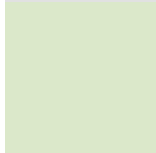
Original Color

81.3591, 0.3373, 0.4204



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

77.0376, 0.3228, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3591, 0.3373, 0.4204 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(208, 245, 163)` looks like.

```
.text, #text, p{  
    color:rgb(208, 245, 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(208, 245, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 245, 163) }
```

Border

The CSS property to change the border of an element to Yxy 81.3591, 0.3373, 0.4204 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(208, 245, 163) }
```

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

```
.border{ border-color:rgb(208, 245, 163) }
```

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

Here you see how a box with a 4 pixel rgb(208, 245, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 245, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 245, 163);  
box-shadow:4px 4px 4px 4px rgb(208, 245,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3591, 0.3373, 0.4204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 245, 163) }
```

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

```
.background{ background-color: rgb(208,  
245, 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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