

Converting Colors

Yxy(80.0099, 0.3332, 0.4193)

Have a look what the booklet for
Yxy(80.0099, 0.3332, 0.4193)
contains.

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Color

Yxy(80.0782, 0.3334, 0.4193)

Conversions

Conversions Part 1

Format	Color
Hex	CBF4A4
RGB	203, 244, 164
RGB Percent	80%, 96%, 64%
CMY	0.2041, 0.0431, 0.3568
CMYK	0.17, 0.00, 0.33, 0.04
HSL	91°, 78%, 80%
HSV	91°, 33%, 96%
XYZ	63.6730, 80.0782, 47.2295
YIQ	222.6210, 1.2440, -33.5720

Conversions

Conversions Part 2

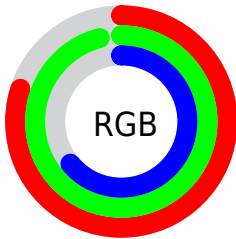
Format	Color
RYB	164, 244, 205
Decimal	13366436
CIELab	91.72, -26.81, 34.33
CIElCh	92, 43.558, 127.992
Yxy	80.0782, 0.3334, 0.4193
Android (android.graphics.Color)	4291556516 (0xFFC BF4A4)
YUV	222.6210, -28.9002, -17.2076
Hunter-Lab	89.4864, -29.5918, 31.3482

Details

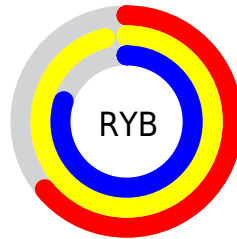
The Yxy color **80.0782, 0.3334, 0.4193** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.0787, 0.2847, 0.2394**, and the grayscale version is **73.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **43.4100, 0.3369, 0.4423** is the 20% darker color. If you saturate the color by 10%, you get **77.5955, 0.3385, 0.4497**, and if you desaturate by 10%, it is **82.8790, 0.3275, 0.3897**.

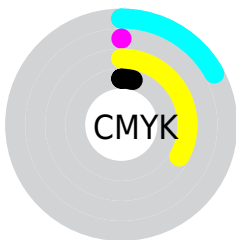
Distribution



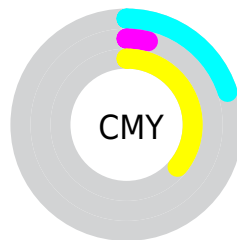
- Red (80%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (80%)



- Cyan (17%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)





- Cyan (20%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.0782, 0.3334, 0.4193 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 80.0782, 0.3334, 0.4193 by changing the saturation by 10% instead.

 80.0782, 0.3334,
0.4193

 80.0782, 0.3334,
0.4193

495.1963, 0.3252,
0.3766

 59.7827, 0.3349,
0.4292

 133.4757, 0.3309,
0.4043

 43.2435, 0.3365,
0.4415


 167.3464, 0.3298,
0.3986

 30.0762, 0.3382,
0.4570


206.5111, 0.3288,
0.3936

 19.8965, 0.3398,
0.4773

251.3540, 0.3279,
0.3893

 12.3198, 0.3408,
0.5048

302.2596, 0.3272,
0.3855

 6.9619, 0.3396,
0.5433


359.6123, 0.3264,


 3.4383, 0.3423,


0.3822

0.6184


423.7964, 0.3258,
0.3792

 1.3646, 0.2978,
0.7022

 0.1904, 0.0000,
1.0000

 80.0782, 0.3334,
0.4193

 80.0782, 0.3334,
0.4193


 77.5955, 0.3385,
0.4497

 82.8790, 0.3275,
0.3897


 75.4075, 0.3422,
0.4797

 85.9996, 0.3211,
0.3617

 73.5034, 0.3443,
0.5078

 89.4550, 0.3145,
0.3358

 71.8677, 0.3442,
0.5325

 92.8220, 0.3120,
0.3184

■ 70.4827, 0.3420,
0.5523

■ 93.1899, 0.3132,
0.3185

■ 69.3278, 0.3377,
0.5663

■ 68.6168, 0.3336,
0.5733

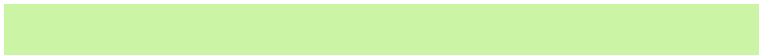
Harmonies

Analogous

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



80.0782, 0.3797, 0.4155



80.0782, 0.3334, 0.4193



80.0782, 0.2837, 0.3922

Triad

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



80.0782, 0.3334, 0.4193



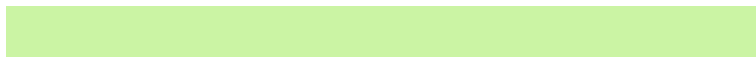
80.0782, 0.2236, 0.2619



80.0782, 0.3845, 0.3099

Complementary

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



80.0782, 0.3334, 0.4193



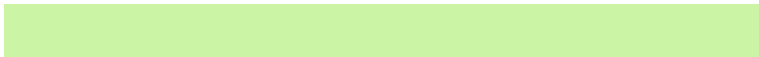
46.0787, 0.2847, 0.2394

Split Complementary

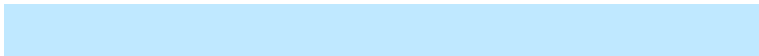
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.0782, 0.3370, 0.2760



80.0782, 0.3334, 0.4193



80.0782, 0.2455, 0.2484

Square

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



80.0782, 0.3334, 0.4193



80.0782, 0.2229, 0.2953



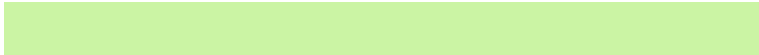
80.0782, 0.2858, 0.2541



80.0782, 0.4117, 0.3497

Rectangle

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



80.0782, 0.3334, 0.4193



80.0782, 0.2554, 0.3611



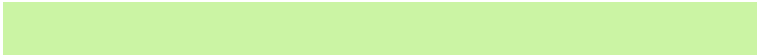
80.0782, 0.2858, 0.2541



80.0782, 0.3702, 0.2977

Sweetspot

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



80.0817, 0.3334, 0.4193



96.0671, 0.3193, 0.3544



65.1097, 0.3750, 0.3721



20.4505, 0.3202, 0.3581



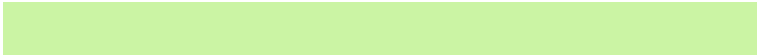
0.0000, 0.0000, 0.0000



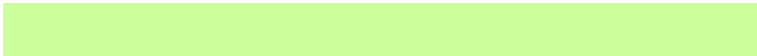
21.4041, 0.3127, 0.3290

Same Dimension

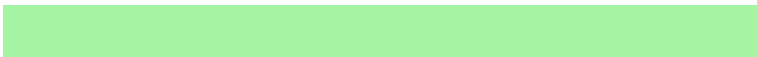
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.0817, 0.3334, 0.4193



86.7372, 0.3367, 0.4384



75.2851, 0.3081, 0.4267



18.8679, 0.3189, 0.3529



37.3859, 0.3348, 0.5724



3.3468, 0.3443, 0.5648

Inverse Universe

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



46.0787, 0.2847, 0.2394



44.0522, 0.2778, 0.2206



52.3251, 0.3165, 0.2475



16.3448, 0.3060, 0.3051



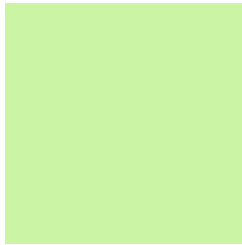
6.0130, 0.2049, 0.0902



0.5897, 0.2182, 0.0976

Previews

White Background



This preview shows how the Yxy color 80.0782, 0.3334, 0.4193 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 80.0782, 0.3334, 0.4193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

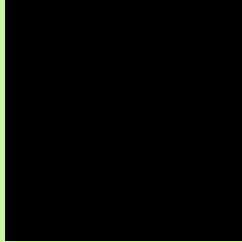
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

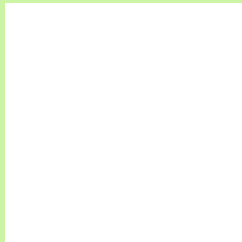
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.0782, 0.3334, 0.4193

Background



This preview shows how black text looks on a background with the Yxy color 80.0782, 0.3334, 0.4193.

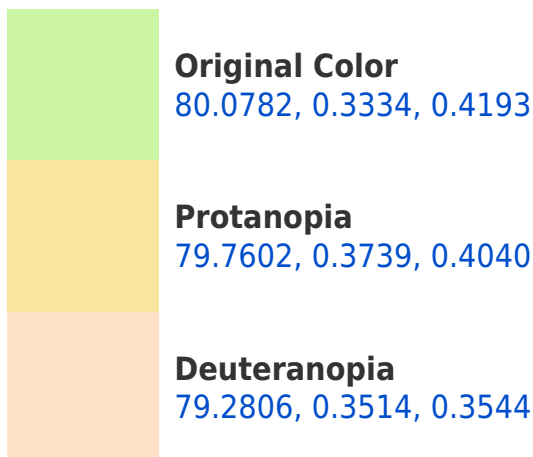


This preview shows how white text looks on a background with the Yxy color 80.0782, 0.3334, 0.4193.

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

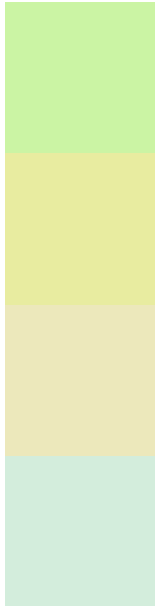




Tritanopia

79.9050, 0.2902, 0.3091

Trichromacy



Original Color

80.0782, 0.3334, 0.4193

Protanomaly

79.6848, 0.3584, 0.4102

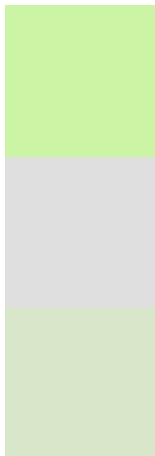
Deuteranomaly

79.1339, 0.3448, 0.3768

Tritanomaly

79.5846, 0.3059, 0.3475

Monochromacy



Original Color

80.0782, 0.3334, 0.4193

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

76.0150, 0.3208, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.0782, 0.3334, 0.4193 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(203, 244, 164)` looks like.

```
.text, #text, p{  
    color:rgb(203, 244, 164)  
}
```

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(203, 244, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 244, 164) }
```

Border

The CSS property to change the border of an element to Yxy 80.0782, 0.3334, 0.4193 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(203, 244, 164) }
```

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

```
.border{ border-color:rgb(203, 244, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 244, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 244, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 244, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 244,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 80.0782, 0.3334, 0.4193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 244, 164) }
```

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

```
.background{ background-color: rgb(203,  
244, 164) }
```

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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