

Converting Colors

$Yxy(81.4464, 0.3252, 0.3987)$

Have a look what the booklet for
Yxy(81.4464, 0.3252, 0.3987)
contains.

Yxy(81.2006, 0.3249, 0.3983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.2006, 0.3249, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	CEF4B6
RGB	206, 244, 182
RGB Percent	81%, 96%, 71%
CMY	0.1923, 0.0431, 0.2863
CMYK	0.16, 0.00, 0.25, 0.04
HSL	97°, 74%, 84%
HSV	97°, 25%, 96%
XYZ	66.2367, 81.2006, 56.4306
YIQ	225.5700, -2.7460, -27.3380

Conversions

Conversions Part 2

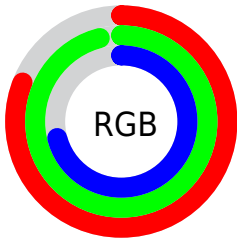
Format	Color
RYB	182, 244, 220
Decimal	13563062
CIELab	92.22, -23.18, 25.94
CIELCh	92, 34.784, 131.783
Yxy	81.2006, 0.3249, 0.3983
Android (android.graphics.Color)	4291753142 (0xFFCEF4B6)
YUV	225.5700, -21.4800, -17.1629
Hunter-Lab	90.1114, -26.4878, 25.9487

Details

The Yxy color **81.2006, 0.3249, 0.3983** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.2078, 0.2970, 0.2620**, and the grayscale version is **75.8815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **44.1307, 0.3265, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **78.2401, 0.3289, 0.4291**, and if you desaturate by 10%, it is **84.5481, 0.3203, 0.3692**.

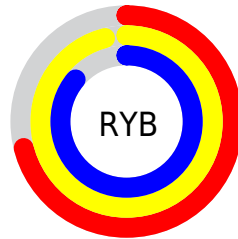
Distribution



Red (81%)

Green (96%)

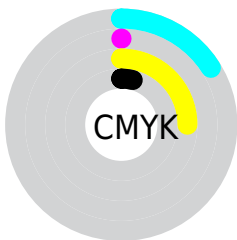
Blue (71%)



Red (71%)

Yellow (96%)

Blue (86%)

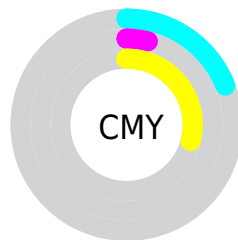


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (4%)



Cyan (19%)

Magenta (4%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.2006, 0.3249, 0.3983 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 81.2006, 0.3249, 0.3983 by changing the saturation by 10% instead.


 81.2006, 0.3249,
0.3983

 81.2006, 0.3249,
0.3983


498.9698, 0.3201,
0.3657

 60.7068, 0.3258,
0.4058


 135.0524, 0.3234,
0.3869

 43.9886, 0.3268,
0.4152


169.1792, 0.3228,
0.3825

 30.6616, 0.3279,
0.4271


208.6192, 0.3222,
0.3787

 20.3413, 0.3289,
0.4427

253.7567, 0.3217,
0.3754

 12.6434, 0.3298,
0.4641

304.9761, 0.3212,
0.3725

 7.1834, 0.3298,
0.4947


362.6618, 0.3208,


 3.5771, 0.3269,


0.3700


427.1982, 0.3204,
0.3677


0.5420


 1.4399, 0.3334,
0.6666


 0.2459, 0.0000,
1.0000


 81.2006, 0.3249,
0.3983


 81.2006, 0.3249,
0.3983


 78.2401, 0.3289,
0.4291

 84.5481, 0.3203,
0.3692


 75.6413, 0.3321,
0.4609

 88.2860, 0.3154,
0.3425

 73.3917, 0.3340,
0.4921

 92.4184, 0.3106,
0.3184

 71.4743, 0.3342,
0.5211

 93.1922, 0.3132,
0.3185

■ 69.8699, 0.3326,
0.5462

■ 68.5572, 0.3291,
0.5656

■ 67.5110, 0.3240,
0.5786

■ 67.1063, 0.3214,
0.5830

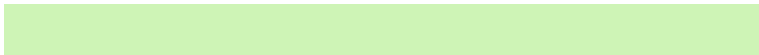
Harmonies

Analogous

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



81.2006, 0.3627, 0.3996



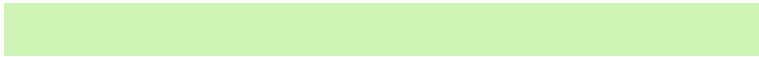
81.2006, 0.3249, 0.3983



81.2006, 0.2854, 0.3743

Triad

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



81.2006, 0.3249, 0.3983



81.2006, 0.2419, 0.2731



81.2006, 0.3735, 0.3181

Complementary

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



81.2006, 0.3249, 0.3983



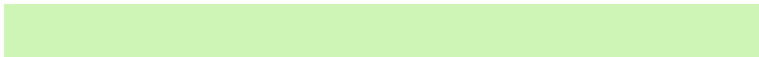
55.2078, 0.2970, 0.2620

Split Complementary

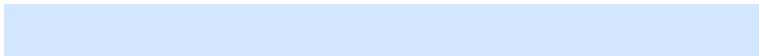
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2006, 0.3375, 0.2892



81.2006, 0.3249, 0.3983



81.2006, 0.2621, 0.2635

Square

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



81.2006, 0.3249, 0.3983



81.2006, 0.2391, 0.2987



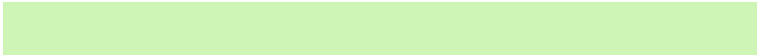
81.2006, 0.2964, 0.2697



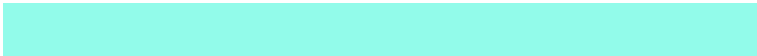
81.2006, 0.3924, 0.3510

Rectangle

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



81.2006, 0.3249, 0.3983



81.2006, 0.2633, 0.3495



81.2006, 0.2964, 0.2697



81.2006, 0.3629, 0.3078

Sweetspot

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



81.2041, 0.3249, 0.3983



96.4576, 0.3167, 0.3492



73.3839, 0.3572, 0.3684



20.5102, 0.3174, 0.3532



0.0000, 0.0000, 0.0000



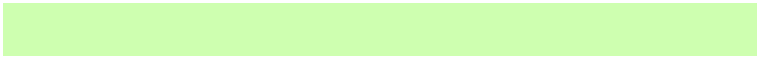
21.4041, 0.3127, 0.3290

Same Dimension

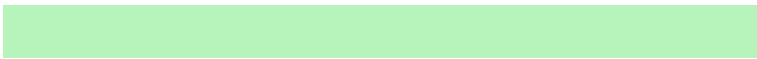
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.2041, 0.3249, 0.3983



87.8447, 0.3273, 0.4156



78.2949, 0.3058, 0.3942



18.7841, 0.3174, 0.3531



36.5556, 0.3226, 0.5821



3.2702, 0.3322, 0.5744

Inverse Universe

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



55.2078, 0.2970, 0.2620



54.1720, 0.2926, 0.2459



58.8496, 0.3204, 0.2715



16.4301, 0.3076, 0.3052



7.1446, 0.2262, 0.1020



0.6871, 0.2379, 0.1084

Previews

White Background



This preview shows how the Yxy color 81.2006, 0.3249, 0.3983 looks on a white background.

Color Contrast Check

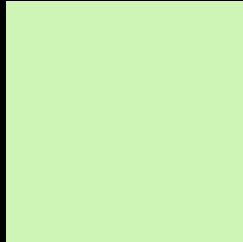
Large Text (above 18pt) WCAG AA × Fail

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 81.2006, 0.3249, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

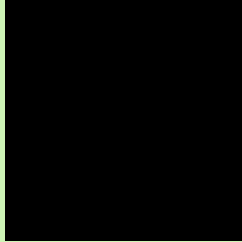
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

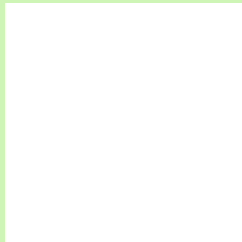
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.2006, 0.3249, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 81.2006, 0.3249, 0.3983.

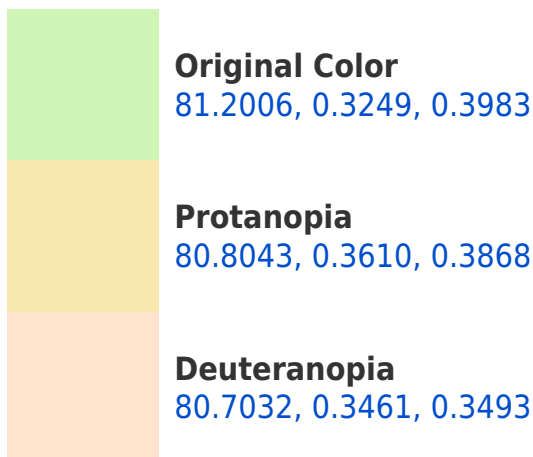


This preview shows how white text looks on a background with the Yxy color 81.2006, 0.3249, 0.3983.

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

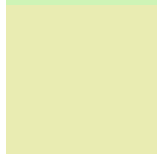
81.2602, 0.2904, 0.3103

Trichromacy



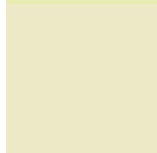
Original Color

81.2006, 0.3249, 0.3983



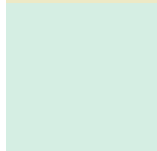
Protanomaly

80.5289, 0.3477, 0.3908



Deuteranomaly

80.3596, 0.3381, 0.3659



Tritanomaly

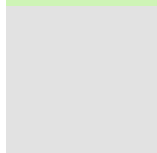
80.8413, 0.3030, 0.3408

Monochromacy



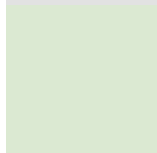
Original Color

81.2006, 0.3249, 0.3983



Achromatopsia

76.0525, 0.3127, 0.3290



Achromatomaly

77.9910, 0.3177, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2006, 0.3249, 0.3983 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(206, 244, 182)` looks like.

```
.text, #text, p{  
    color:rgb(206, 244, 182)  
}
```

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(206, 244, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 244, 182) }
```

Border

The CSS property to change the border of an element to Yxy 81.2006, 0.3249, 0.3983 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(206, 244, 182) }
```

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

```
.border{ border-color:rgb(206, 244, 182) }
```

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

Here you see how a box with a 4 pixel rgb(206, 244, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 244, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 244, 182);  
box-shadow:4px 4px 4px 4px rgb(206, 244,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2006, 0.3249, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 244, 182) }
```

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

```
.background{ background-color: rgb(206,  
244, 182) }
```

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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