

# Converting Colors

Yxy(79.0038, 0.3383, 0.4331)

Have a look what the booklet for  
Yxy(79.0038, 0.3383, 0.4331)  
contains.

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# Color

**Yxy(79.2477, 0.3382, 0.4335)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8F498
RGB	200, 244, 152
RGB Percent	78%, 96%, 60%
CMY	0.2159, 0.0431, 0.4040
CMYK	0.18, 0.00, 0.38, 0.04
HSL	89°, 81%, 78%
HSV	89°, 38%, 96%
XYZ	61.8260, 79.2477, 41.7353
YIQ	220.3560, 3.3080, -37.9400

# Conversions

## Conversions Part 2

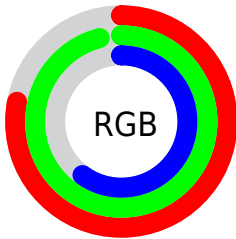
Format	Color
<a href="#">RYB</a>	<a href="#">152, 244, 196</a>
Decimal	<a href="#">13169816</a>
CIELab	<a href="#">91.35, -29.47, 39.80</a>
CIElCh	<a href="#">91, 49.523, 126.523</a>
Yxy	<a href="#">79.2477, 0.3382, 0.4335</a>
Android (android.graphics.Color)	<a href="#">4291359896</a> (0xFFC8F498)
YUV	<a href="#">220.3560, -33.6995, -17.8522</a>
Hunter-Lab	<a href="#">89.0212, -31.8172, 34.5182</a>

# Details

The Yxy color **79.2477, 0.3382, 0.4335** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.7268, 0.2768, 0.2239**, and the grayscale version is **72.0647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **42.9063, 0.3417, 0.4588** is the 20% darker color. If you saturate the color by 10%, you get **76.9849, 0.3432, 0.4634**, and if you desaturate by 10%, it is **81.8049, 0.3321, 0.4038**.

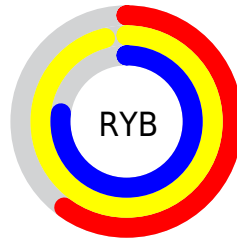
# Distribution



Red (78%)

Green (96%)

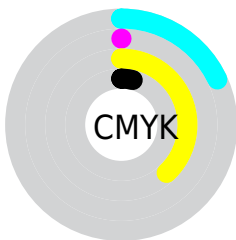
Blue (60%)



Red (60%)

Yellow (96%)

Blue (77%)

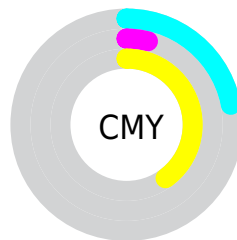


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (4%)



Cyan (22%)

Magenta (4%)


Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2477, 0.3382, 0.4335 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 79.2477, 0.3382, 0.4335 by changing the saturation by 10% instead.




 79.2477, 0.3382,  
0.4335


 79.2477, 0.3382,  
0.4335

492.3939, 0.3283,  
0.3839

 59.0995, 0.3399,  
0.4450


 132.3075, 0.3352,  
0.4161

 42.6932, 0.3417,  
0.4592


 165.9879, 0.3339,  
0.4094

 29.6445, 0.3435,  
0.4771


204.9478, 0.3327,  
0.4037

 19.5689, 0.3449,  
0.5004

249.5716, 0.3316,  
0.3987

 12.0821, 0.3451,  
0.5315

300.2438, 0.3307,  
0.3943

 6.7996, 0.3418,  
0.5741


357.3486, 0.3298,


 3.3371, 0.3413,

0.3904

0.6587

421.2705, 0.3290,  
0.3870


 1.3101, 0.2658,  
0.7342


 0.1490, 0.0000,  
1.0000

 79.2477, 0.3382,  
0.4335


 79.2477, 0.3382,  
0.4335


 76.9849, 0.3432,  
0.4634


 81.8049, 0.3321,  
0.4038


 74.9931, 0.3468,  
0.4920

 84.6580, 0.3253,  
0.3752

 73.2618, 0.3483,  
0.5181

 87.8216, 0.3182,  
0.3483

 71.7751, 0.3476,  
0.5399

 91.3062, 0.3111,  
0.3235

■ 70.5149, 0.3446,  
0.5565

■ 93.1925, 0.3132,  
0.3185

■ 69.4579, 0.3396,  
0.5675

■ 69.2377, 0.3384,  
0.5695

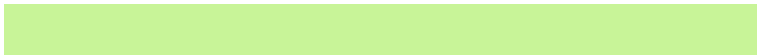
# Harmonies

## Analogous

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



79.2477, 0.3904, 0.4261



79.2477, 0.3382, 0.4335



79.2477, 0.2818, 0.4043

# Triad

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



79.2477, 0.3382, 0.4335



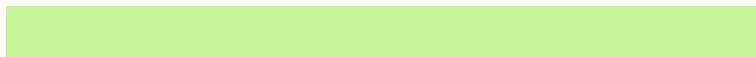
79.2477, 0.2118, 0.2540



79.2477, 0.3924, 0.3049

# Complementary

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



79.2477, 0.3382, 0.4335



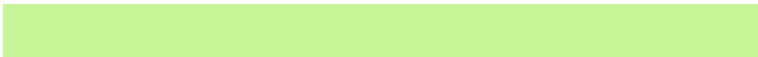
40.7268, 0.2768, 0.2239

# Split Complementary

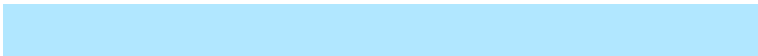
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2477, 0.3371, 0.2678



79.2477, 0.3382, 0.4335



79.2477, 0.2350, 0.2384

# Square

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



79.2477, 0.3382, 0.4335



79.2477, 0.2121, 0.2922



79.2477, 0.2792, 0.2441

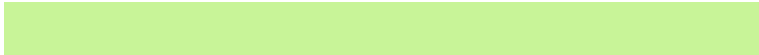


79.2477, 0.4250, 0.3491



# Rectangle

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



79.2477, 0.3382, 0.4335



79.2477, 0.2495, 0.3685



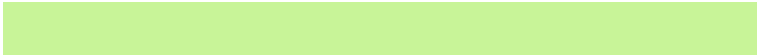
79.2477, 0.2792, 0.2441



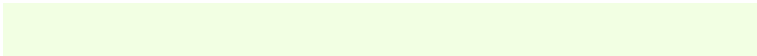
79.2477, 0.3756, 0.2914

# Sweetspot

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



79.2512, 0.3382, 0.4335



95.8643, 0.3206, 0.3570



60.5031, 0.3879, 0.3756



20.4162, 0.3215, 0.3606



0.0000, 0.0000, 0.0000

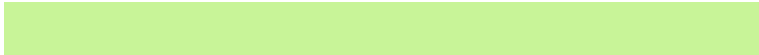


21.4041, 0.3127, 0.3290

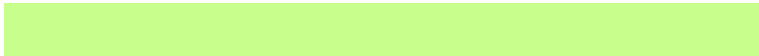


# Same Dimension

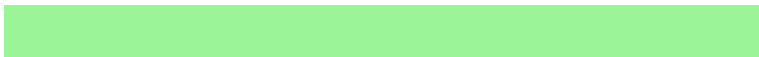
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2512, 0.3382, 0.4335



85.7075, 0.3421, 0.4556



73.9526, 0.3091, 0.4435



18.8968, 0.3195, 0.3529



37.7232, 0.3395, 0.5686



3.3767, 0.3488, 0.5613



# Inverse Universe

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



40.7268, 0.2768, 0.2239



37.6777, 0.2676, 0.2015



47.6760, 0.3145, 0.2349



16.3159, 0.3054, 0.3051



5.6822, 0.1982, 0.0866



0.5602, 0.2119, 0.0941



# Previews

## White Background



This preview shows how the Yxy color 79.2477, 0.3382, 0.4335 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 79.2477, 0.3382, 0.4335 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

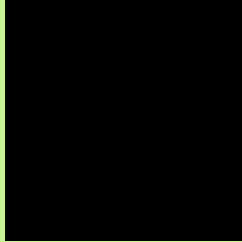
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 79.2477, 0.3382, 0.4335**

## **Background**



This preview shows how black text looks on a background with the Yxy color 79.2477, 0.3382, 0.4335.

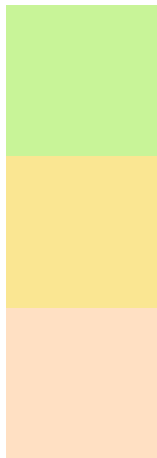


This preview shows how white text looks on a background with the Yxy color 79.2477, 0.3382, 0.4335.

# 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

79.2477, 0.3382, 0.4335

### Protanopia

78.9929, 0.3827, 0.4147

### Deuteranopia

78.5114, 0.3551, 0.3586



## Tritanopia

78.9744, 0.2895, 0.3090

# Trichromacy



## Original Color

79.2477, 0.3382, 0.4335



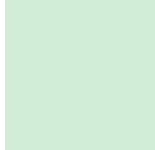
## Protanomaly

78.7106, 0.3661, 0.4217



## Deuteranomaly

78.0687, 0.3496, 0.3845



## Tritanomaly

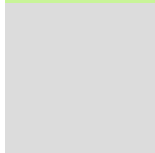
78.4525, 0.3077, 0.3521

# Monochromacy



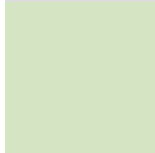
## Original Color

79.2477, 0.3382, 0.4335



## Achromatopsia

71.5694, 0.3127, 0.3290



## Achromatomaly

74.1249, 0.3234, 0.3671

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 79.2477, 0.3382, 0.4335 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(200, 244, 152)` looks like.

```
.text, #text, p{  
    color:rgb(200, 244, 152)  
}
```

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(200, 244, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 244, 152) }
```

## Border

The CSS property to change the border of an element to Yxy 79.2477, 0.3382, 0.4335 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(200, 244, 152) }
```

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

```
.border{ border-color:rgb(200, 244, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 244, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 244, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 244, 152);  
box-shadow:4px 4px 4px 4px rgb(200, 244,  
152) }
```



# Background

The CSS property to change the background color of an element to Yxy 79.2477, 0.3382, 0.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 244, 152) }
```

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

```
.background{ background-color: rgb(200,  
244, 152) }
```

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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