

# Converting Colors

Yxy(54.4111, 0.3413, 0.4125)

Have a look what the booklet for  
Yxy(54.4111, 0.3413, 0.4125)  
contains.

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# Color

**Yxy(54.3997, 0.3414, 0.4120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5CB8B
RGB	181, 203, 139
RGB Percent	71%, 80%, 55%
CMY	0.2901, 0.2039, 0.4548
CMYK	0.11, 0.00, 0.32, 0.20
HSL	81°, 38%, 67%
HSV	81°, 32%, 80%
XYZ	45.0778, 54.3997, 32.5606
YIQ	189.1260, 7.4320, -24.5680

# Conversions

## Conversions Part 2

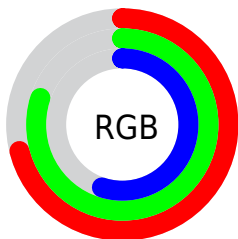
Format	Color
<a href="#">RYB</a>	<a href="#">139, 203, 161</a>
Decimal	<a href="#">11914123</a>
CIELab	<a href="#">78.69, -18.24, 29.52</a>
CIELCh	<a href="#">79, 34.703, 121.713</a>
Yxy	<a href="#">54.3997, 0.3414, 0.4120</a>
Android (android.graphics.Color)	<a href="#">4290104203</a> ( <a href="#">0xFFB5CB8B</a> )
YUV	<a href="#">189.1260, -24.7121, -7.1265</a>
Hunter-Lab	<a href="#">73.7562, -19.9788, 25.4550</a>

# Details

The Yxy color **54.3997, 0.3414, 0.4120** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3624, 0.2764, 0.2417**, and the grayscale version is **51.1102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3748, 0.3375, 0.3924**, and **26.7115, 0.3472, 0.4362** is the 20% darker color. If you saturate the color by 10%, you get **53.0405, 0.3495, 0.4399**, and if you desaturate by 10%, it is **55.9161, 0.3325, 0.3843**.

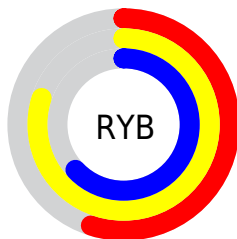
# Distribution



Red (71%)

Green (80%)

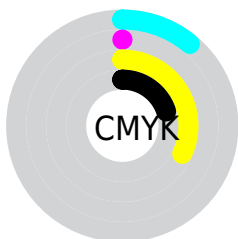
Blue (55%)



Red (55%)

Yellow (80%)

Blue (63%)

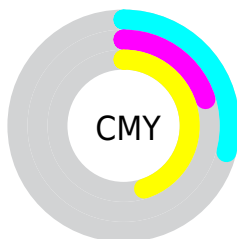


Cyan (11%)

Magenta (0%)

Yellow (32%)

Black (20%)



Cyan (29%)

Magenta (20%)


Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3997, 0.3414, 0.4120 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 54.3997, 0.3414, 0.4120 by changing the saturation by 10% instead.





 54.3997, 0.3414,  
0.4120


 54.3997, 0.3414,  
0.4120


403.6324, 0.3284,  
0.3704

 38.9213, 0.3442,  
0.4223


 96.6609, 0.3370,  
0.3969

 26.6985, 0.3474,  
0.4355


 124.2124, 0.3353,  
0.3912

 17.3469, 0.3513,  
0.4527


 156.5572, 0.3337,  
0.3864

 10.4822, 0.3556,  
0.4763

194.0795, 0.3324,  
0.3823

 5.7198, 0.3597,  
0.5100

237.1638, 0.3312,  
0.3787

 2.6755, 0.3753,  
0.5834

286.1944, 0.3302,

 0.9647, 0.3274,

0.3756

0.6726

341.5558, 0.3292,  
0.3728

0.0000, 0.0000,  
0.0000

54.3997, 0.3414,  
0.4120

54.3997, 0.3414,  
0.4120

53.0405, 0.3495,  
0.4399

55.9161, 0.3325,  
0.3843

51.8245, 0.3563,  
0.4671

57.5888, 0.3233,  
0.3577

50.7468, 0.3615,  
0.4924

59.4259, 0.3141,  
0.3326

49.7994, 0.3644,  
0.5144

61.4330, 0.3051,  
0.3094

48.9730, 0.3649,  
0.5321

63.6152, 0.2965,  
0.2882


 48.2567, 0.3629,  
0.5449

 65.5966, 0.2920,  
0.2745

 47.7189, 0.3598,  
0.5525

 66.7262, 0.2970,  
0.2753

 67.9020, 0.3019,  
0.2761

 69.1245, 0.3070,  
0.2769

# Harmonies

## Analogous

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



54.3997, 0.3811, 0.4040



54.3997, 0.3414, 0.4120



54.3997, 0.2958, 0.3930

# Triad

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



54.3997, 0.3414, 0.4120



54.3997, 0.2294, 0.2731



54.3997, 0.3699, 0.3047

# Complementary

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



54.3997, 0.3414, 0.4120



30.3624, 0.2764, 0.2417

# 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.



54.3997, 0.3249, 0.2753



54.3997, 0.3414, 0.4120



54.3997, 0.2457, 0.2565

# Square

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



54.3997, 0.3414, 0.4120



54.3997, 0.2331, 0.3072



54.3997, 0.2796, 0.2580



54.3997, 0.3993, 0.3407



# Rectangle

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



54.3997, 0.3414, 0.4120



54.3997, 0.2683, 0.3674



54.3997, 0.2796, 0.2580



54.3997, 0.3559, 0.2938

# Sweetspot

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



54.4021, 0.3414, 0.4120



97.1444, 0.3211, 0.3516



39.8247, 0.3754, 0.3567



20.6988, 0.3225, 0.3553



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

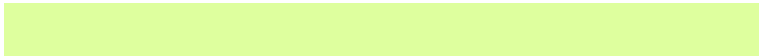


# Same Dimension

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



54.4021, 0.3414, 0.4120



89.4766, 0.3472, 0.4316



51.0301, 0.3163, 0.4189



12.8963, 0.3214, 0.3523



30.4211, 0.3606, 0.5519



1.6104, 0.3723, 0.5426



# Inverse Universe

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



30.3624, 0.2764, 0.2417



42.8343, 0.2662, 0.2198



34.0355, 0.3060, 0.2489



11.0282, 0.3035, 0.3054



3.6120, 0.1767, 0.0747



0.2282, 0.1991, 0.0870



# Previews

## White Background



This preview shows how the Yxy color 54.3997, 0.3414, 0.4120 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 54.3997, 0.3414, 0.4120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

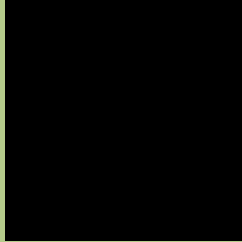
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.3997, 0.3414, 0.4120**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.3997, 0.3414, 0.4120.



This preview shows how white text looks on a background with the Yxy color 54.3997, 0.3414, 0.4120.

# 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

54.3997, 0.3414, 0.4120

### Protanopia

54.0345, 0.3722, 0.4003

### Deuteranopia

53.9240, 0.3868, 0.3782



## Tritanopia

54.2634, 0.2995, 0.3108

# Trichromacy



## Original Color

54.3997, 0.3414, 0.4120

## Protanomaly

53.8522, 0.3607, 0.4050

## Deuteranomaly

53.6493, 0.3693, 0.3893

## Tritanomaly

53.9580, 0.3143, 0.3453

# Monochromacy



## Original Color

54.3997, 0.3414, 0.4120

## Achromatopsia

50.8881, 0.3127, 0.3290

## Achromatomaly

51.9630, 0.3235, 0.3585

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.3997, 0.3414, 0.4120 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(181, 203, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 139)  
}
```

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(181, 203, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 139) }
```

## Border

The CSS property to change the border of an element to Yxy 54.3997, 0.3414, 0.4120 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(181, 203, 139) }
```

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

```
.border{ border-color:rgb(181, 203, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 203, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 203, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 203,  
139) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.3997, 0.3414, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 139) }
```

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

```
.background{ background-color: rgb(181,  
203, 139) }
```

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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