

# Converting Colors

Yxy(55.0438, 0.3281, 0.4139)

Have a look what the booklet for  
Yxy(55.0438, 0.3281, 0.4139)  
contains.

<b>Yxy(55.0438, 0.3281, 0.4139)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(55.0438, 0.3281, 0.4139)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9CF8F
RGB	169, 207, 143
RGB Percent	66%, 81%, 56%
CMY	0.3372, 0.1882, 0.4392
CMYK	0.18, 0.00, 0.31, 0.19
HSL	96°, 40%, 69%
HSV	96°, 31%, 81%
XYZ	43.6334, 55.0438, 34.3109
YIQ	188.3420, -2.1040, -27.9600

# Conversions

## Conversions Part 2

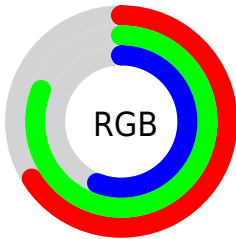
Format	Color
<b>RYB</b>	143, 207, 181
Decimal	11128719
CIELab	79.07, -24.06, 27.81
CIELCh	79, 36.771, 130.862
Yxy	55.0438, 0.3281, 0.4139
Android (android.graphics.Color)	4289318799 (0xFFA9CF8F)
YUV	188.3420, -22.3536, -16.9629
Hunter-Lab	74.1915, -24.8559, 24.5145

# Details

The Yxy color **55.0438, 0.3281, 0.4139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9742, 0.2917, 0.2469**, and the grayscale version is **50.6260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5588, 0.3273, 0.3898**, and **27.2682, 0.3305, 0.4391** is the 20% darker color. If you saturate the color by 10%, you get **53.1795, 0.3320, 0.4448**, and if you desaturate by 10%, it is **57.1564, 0.3235, 0.3843**.

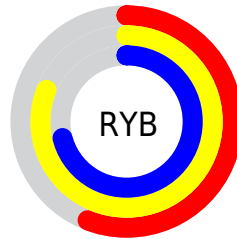
# Distribution



Red (66%)

Green (81%)

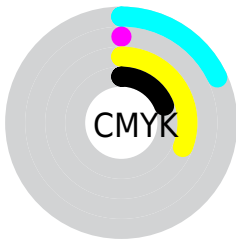
Blue (56%)



Red (56%)

Yellow (81%)

Blue (71%)

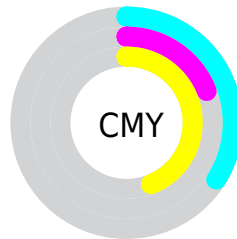


Cyan (18%)

Magenta (0%)

Yellow (31%)

Black (19%)



Cyan (34%)

Magenta (19%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0438, 0.3281, 0.4139 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 55.0438, 0.3281, 0.4139 by changing the saturation by 10% instead.





 55.0438, 0.3281,  
0.4139

 55.0438, 0.3281,  
0.4139


406.0779, 0.3217,  
0.3710

 39.4368, 0.3293,  
0.4246

 97.6051, 0.3261,  
0.3983

 27.0997, 0.3305,  
0.4384


 125.3282, 0.3252,  
0.3924

 17.6481, 0.3317,  
0.4567

157.8588, 0.3245,  
0.3875

 10.6976, 0.3325,  
0.4820

195.5813, 0.3238,  
0.3832

 5.8639, 0.3317,  
0.5188

238.8801, 0.3232,  
0.3796

 2.7625, 0.3337,  
0.5906

288.1395, 0.3226,

 1.0090, 0.2666,

0.3763

0.7334

343.7440, 0.3221,  
0.3735

0.0000, 0.0000,  
0.0000

55.0438, 0.3281,  
0.4139

55.0438, 0.3281,  
0.4139

53.1795, 0.3320,  
0.4448

57.1564, 0.3235,  
0.3843

51.5464, 0.3348,  
0.4759

59.5195, 0.3184,  
0.3566

50.1364, 0.3362,  
0.5056


62.1441, 0.3132,  
0.3312


48.9377, 0.3357,  
0.5324


65.0385, 0.3080,  
0.3083


47.9375, 0.3333,  
0.5545

68.2107, 0.3030,  
0.2878

 47.1208, 0.3291,  
0.5707

 70.8569, 0.3061,  
0.2808

 46.5170, 0.3243,  
0.5807

 73.1075, 0.3149,  
0.2821

# Harmonies

## Analogous

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



55.0438, 0.3733, 0.4134



55.0438, 0.3281, 0.4139



55.0438, 0.2808, 0.3854

# Triad

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



55.0438, 0.3281, 0.4139



55.0438, 0.2283, 0.2627



55.0438, 0.3850, 0.3144

# Complementary

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



55.0438, 0.3281, 0.4139



33.9742, 0.2917, 0.2469

# 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.



55.0438, 0.3408, 0.2809



55.0438, 0.3281, 0.4139



55.0438, 0.2512, 0.2514

# Square

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



55.0438, 0.3281, 0.4139



55.0438, 0.2256, 0.2931



55.0438, 0.2914, 0.2584



55.0438, 0.4084, 0.3529



# Rectangle

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



55.0438, 0.3281, 0.4139



55.0438, 0.2545, 0.3550



55.0438, 0.2914, 0.2584



55.0438, 0.3718, 0.3023

# Sweetspot

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



55.0462, 0.3281, 0.4139



96.1157, 0.3175, 0.3518



48.0275, 0.3682, 0.3756



20.4454, 0.3182, 0.3557



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

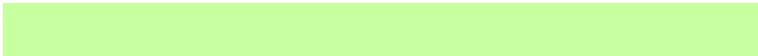


# Same Dimension

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



55.0462, 0.3281, 0.4139



86.2206, 0.3308, 0.4340



52.6160, 0.3051, 0.4114



13.4374, 0.3176, 0.3526



29.3587, 0.3253, 0.5799



1.6874, 0.3400, 0.5682



# Inverse Universe

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



33.9742, 0.2917, 0.2469



47.2884, 0.2860, 0.2283



37.1598, 0.3212, 0.2585



11.7596, 0.3074, 0.3056



5.5433, 0.2224, 0.0999



0.3556, 0.2402, 0.1097



# Previews

## White Background



This preview shows how the Yxy color 55.0438, 0.3281, 0.4139 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 55.0438, 0.3281, 0.4139 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

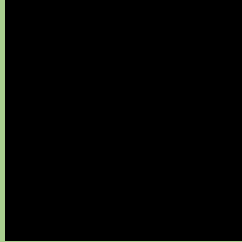
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 55.0438, 0.3281, 0.4139**

## **Background**



This preview shows how black text looks on a background with the Yxy color 55.0438, 0.3281, 0.4139.



This preview shows how white text looks on a background with the Yxy color 55.0438, 0.3281, 0.4139.

# 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

55.0438, 0.3281, 0.4139

### Protanopia

54.7141, 0.3704, 0.3976

### Deuteranopia

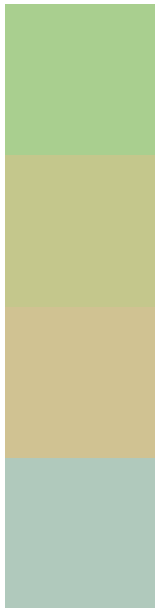
54.4702, 0.3831, 0.3748



## Tritanopia

54.9465, 0.2880, 0.3093

# Trichromacy



**Original Color**

55.0438, 0.3281, 0.4139

**Protanomaly**

54.4761, 0.3545, 0.4029

**Deuteranomaly**

54.0688, 0.3619, 0.3875

**Tritanomaly**

54.6342, 0.3028, 0.3456

# Monochromacy



**Original Color**

55.0438, 0.3281, 0.4139

**Achromatopsia**

50.2886, 0.3127, 0.3290

**Achromatomaly**

51.8325, 0.3186, 0.3588

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.0438, 0.3281, 0.4139 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(169, 207, 143)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 143)  
}
```

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(169, 207, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 55.0438, 0.3281, 0.4139 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(169, 207, 143) }
```

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

```
.border{ border-color:rgb(169, 207, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 207, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 207, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 207, 143); box-shadow:4px 4px 4px 4px rgb(169, 207, 143) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.0438, 0.3281, 0.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 143) }
```

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

```
.background{ background-color: rgb(169,  
207, 143) }
```

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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