

# Converting Colors

$Yxy(43.3837, 0.3287, 0.4149)$

Have a look what the booklet for  
Yxy(43.3837, 0.3287, 0.4149)  
contains.

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# Color

**Yxy(43.3255, 0.3292, 0.4154)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98BA7F
RGB	152, 186, 127
RGB Percent	60%, 73%, 50%
CMY	0.4040, 0.2705, 0.5019
CMYK	0.18, 0.00, 0.32, 0.27
HSL	95°, 30%, 61%
HSV	95°, 32%, 73%
XYZ	34.3350, 43.3255, 26.6378
YIQ	169.1080, -1.3250, -25.5570

# Conversions

## Conversions Part 2

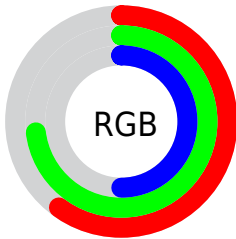
Format	Color
<a href="#">RYB</a>	<a href="#">127, 186, 161</a>
Decimal	<a href="#">10009215</a>
CIELab	<a href="#">71.78, -22.24, 26.25</a>
CIELCh	<a href="#">72, 34.408, 130.277</a>
Yxy	<a href="#">43.3255, 0.3292, 0.4154</a>
Android (android.graphics.Color)	<a href="#">4288199295 (0xFF98BA7F)</a>
YUV	<a href="#">169.1080, -20.7592, -15.0037</a>
Hunter-Lab	<a href="#">65.8221, -22.0772, 22.0812</a>

# Details

The Yxy color **43.3255, 0.3292, 0.4154** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.3130, 0.2903, 0.2451**, and the grayscale version is **39.8364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0649, 0.3270, 0.3984**, and **20.0202, 0.3322, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **41.8971, 0.3333, 0.4459**, and if you desaturate by 10%, it is **44.9409, 0.3243, 0.3860**.

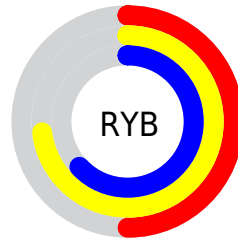
# Distribution



Red (60%)

Green (73%)

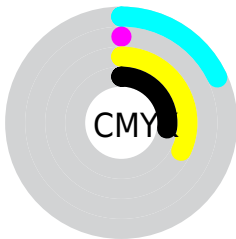
Blue (50%)



Red (50%)

Yellow (73%)

Blue (63%)

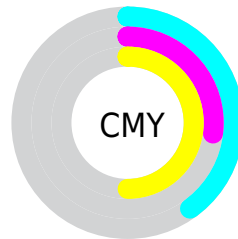


Cyan (18%)

Magenta (0%)

Yellow (32%)

Black (27%)



Cyan (40%)

Magenta (27%)


Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3255, 0.3292, 0.4154 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 43.3255, 0.3292, 0.4154 by changing the saturation by 10% instead.





 43.3255, 0.3292,  
0.4154


 43.3255, 0.3292,  
0.4154


359.9487, 0.3220,  
0.3700

 30.1406, 0.3306,  
0.4274


 80.2018, 0.3269,  
0.3984

 19.9453, 0.3321,  
0.4431


 104.6620, 0.3259,  
0.3922

 12.3553, 0.3335,  
0.4645


 133.6494, 0.3250,  
0.3870

 6.9861, 0.3341,  
0.4953

167.5485, 0.3243,  
0.3826

 3.4534, 0.3324,  
0.5434

206.7435, 0.3236,  
0.3788

 1.3728, 0.3364,  
0.6636

251.6190, 0.3230,

 0.1965, 0.0000,

0.3755

1.0000

302.5592, 0.3225,  
0.3726

0.0000, 0.0000,  
0.0000

43.3255, 0.3292,  
0.4154

43.3255, 0.3292,  
0.4154

41.8971, 0.3333,  
0.4459

44.9409, 0.3243,  
0.3860

40.6427, 0.3363,  
0.4765

46.7447, 0.3191,  
0.3584

39.5563, 0.3378,  
0.5057


48.7452, 0.3136,  
0.3331


38.6289, 0.3374,  
0.5319


50.9487, 0.3082,  
0.3102

37.8510, 0.3352,  
0.5535

53.3611, 0.3030,  
0.2896


 37.2113, 0.3310,  
0.5694

 55.9881, 0.2980,  
0.2712

 36.7703, 0.3267,  
0.5788

 58.6907, 0.2948,  
0.2570

 60.4921, 0.3028,  
0.2587

 62.4043, 0.3110,  
0.2604

# Harmonies

## Analogous

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



43.3255, 0.3748, 0.4142



43.3255, 0.3292, 0.4154



43.3255, 0.2813, 0.3871

# Triad

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



43.3255, 0.3292, 0.4154



43.3255, 0.2270, 0.2622



43.3255, 0.3852, 0.3134

# Complementary

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



43.3255, 0.3292, 0.4154



26.3130, 0.2903, 0.2451

# 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.



43.3255, 0.3401, 0.2797



43.3255, 0.3292, 0.4154



43.3255, 0.2498, 0.2505

# Square

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



43.3255, 0.3292, 0.4154



43.3255, 0.2247, 0.2933



43.3255, 0.2902, 0.2572



43.3255, 0.4095, 0.3523



# Rectangle

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



43.3255, 0.3292, 0.4154



43.3255, 0.2544, 0.3563



43.3255, 0.2902, 0.2572



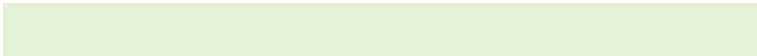
43.3255, 0.3718, 0.3013

# Sweetspot

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



43.3274, 0.3292, 0.4154



85.2547, 0.3182, 0.3544



37.2704, 0.3697, 0.3752



18.6664, 0.3190, 0.3581



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

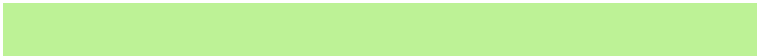


# Same Dimension

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



43.3274, 0.3292, 0.4154



76.6965, 0.3321, 0.4365



41.2732, 0.3056, 0.4148



10.2407, 0.3178, 0.3522



24.7770, 0.3277, 0.5780



0.9101, 0.3490, 0.5611



# Inverse Universe

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



26.3130, 0.2903, 0.2451



41.0420, 0.2839, 0.2253



29.0049, 0.3204, 0.2560



8.9684, 0.3072, 0.3060



4.5470, 0.2194, 0.0982



0.1959, 0.2455, 0.1126



# Previews

## White Background



This preview shows how the Yxy color 43.3255, 0.3292, 0.4154 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

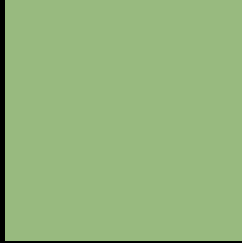
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 43.3255, 0.3292, 0.4154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

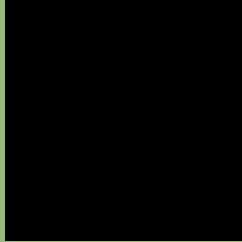
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 43.3255, 0.3292, 0.4154**

## Background



This preview shows how black text looks on a background with the Yxy color 43.3255, 0.3292, 0.4154.



This preview shows how white text looks on a background with the Yxy color 43.3255, 0.3292, 0.4154.

# 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

43.3255, 0.3292, 0.4154

### Protanopia

42.8839, 0.3712, 0.3997

### Deuteranopia

42.9094, 0.3839, 0.3758



## Tritanopia

43.3279, 0.2886, 0.3100

# Trichromacy



## Original Color

43.3255, 0.3292, 0.4154

## Protanomaly

42.9255, 0.3555, 0.4051

## Deuteranomaly

42.8364, 0.3624, 0.3895

## Tritanomaly

43.1440, 0.3034, 0.3473

# Monochromacy



## Original Color

43.3255, 0.3292, 0.4154

## Achromatopsia

39.6755, 0.3127, 0.3290

## Achromatomaly

40.7796, 0.3193, 0.3590

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 43.3255, 0.3292, 0.4154 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(152, 186, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 127)  
}
```

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(152, 186, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 127) }
```

## Border

The CSS property to change the border of an element to Yxy 43.3255, 0.3292, 0.4154 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(152, 186, 127) }
```

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

```
.border{ border-color:rgb(152, 186, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 186, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
127) }
```



# Background

The CSS property to change the background color of an element to Yxy 43.3255, 0.3292, 0.4154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 127) }
```

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

```
.background{ background-color: rgb(152,  
186, 127) }
```

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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