

# Converting Colors

Yxy(53.9547, 0.3548, 0.4154)

Have a look what the booklet for  
Yxy(53.9547, 0.3548, 0.4154)  
contains.

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# Color

**Yxy(53.9216, 0.3548, 0.4155)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEC884
RGB	190, 200, 132
RGB Percent	75%, 78%, 52%
CMY	0.2551, 0.2156, 0.4824
CMYK	0.05, 0.00, 0.34, 0.22
HSL	69°, 38%, 65%
HSV	69°, 34%, 78%
XYZ	46.0442, 53.9216, 29.8094
YIQ	189.2580, 15.8680, -23.2680

# Conversions

## Conversions Part 2

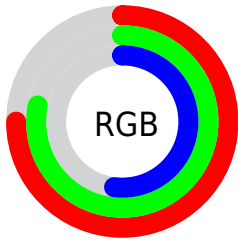
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 200, 142
Decimal	12503172
CIELab	78.42, -14.28, 32.92
CIELCh	78, 35.883, 113.444
Yxy	53.9216, 0.3548, 0.4155
Android (android.graphics.Color)	4290693252 (0xFFBEC884)
YUV	189.2580, -28.2282, 0.6507
Hunter-Lab	73.4313, -16.5785, 27.3332

# Details

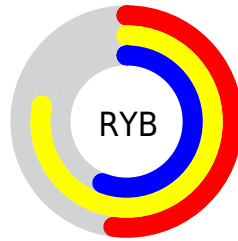
The Yxy color **53.9216, 0.3548, 0.4155** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.4300, 0.2608, 0.2309**, and the grayscale version is **51.1989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8393, 0.3484, 0.3981**, and **26.3861, 0.3651, 0.4396** is the 20% darker color. If you saturate the color by 10%, you get **53.0505, 0.3662, 0.4407**, and if you desaturate by 10%, it is **54.9103, 0.3426, 0.3895**.

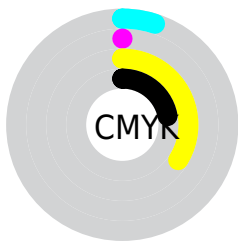
# Distribution



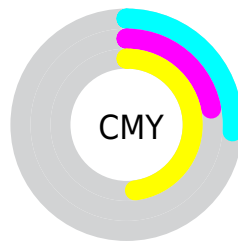
- Red (75%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9216, 0.3548, 0.4155 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 53.9216, 0.3548, 0.4155 by changing the saturation by 10% instead.





 53.9216, 0.3548,  
0.4155


 53.9216, 0.3548,  
0.4155


401.8110, 0.3353,  
0.3725


 38.5390, 0.3591,  
0.4260


 95.9591, 0.3481,  
0.4000

 26.4013, 0.3642,  
0.4393


 123.3828, 0.3455,  
0.3942

 17.1241, 0.3704,  
0.4565


 155.5890, 0.3432,  
0.3892

 10.3230, 0.3776,  
0.4796

192.9621, 0.3412,  
0.3849

 5.6136, 0.3853,  
0.5115

235.8864, 0.3395,  
0.3812

 2.6116, 0.4123,  
0.5877

284.7464, 0.3379,

 0.9325, 0.3655,

0.3779

0.6345

339.9265, 0.3366,  
0.3751

0.0000, 0.0000,  
0.0000

53.9216, 0.3548,  
0.4155

53.9216, 0.3548,  
0.4155

53.0505, 0.3662,  
0.4407

54.9103, 0.3426,  
0.3895

52.2836, 0.3761,  
0.4642

56.0149, 0.3301,  
0.3637

51.6167, 0.3842,  
0.4849


57.2430, 0.3176,  
0.3387


51.0424, 0.3899,  
0.5018


58.5995, 0.3055,  
0.3150


50.5519, 0.3931,  
0.5144

60.0890, 0.2940,  
0.2928

 50.1348, 0.3937,  
0.5225

 61.7158, 0.2833,  
0.2725

 49.9086, 0.3933,  
0.5259

 62.3395, 0.2835,  
0.2699

 62.7802, 0.2855,  
0.2702

 63.2290, 0.2876,  
0.2705

# Harmonies

## Analogous

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



53.9216, 0.3921, 0.4003



53.9216, 0.3548, 0.4155



53.9216, 0.3079, 0.4038

# Triad

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



53.9216, 0.3548, 0.4155



53.9216, 0.2256, 0.2790



53.9216, 0.3601, 0.2945

# Complementary

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



53.9216, 0.3548, 0.4155



26.4300, 0.2608, 0.2309

# 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.



53.9216, 0.3118, 0.2671



53.9216, 0.3548, 0.4155



53.9216, 0.2368, 0.2568

# Square

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



53.9216, 0.3548, 0.4155



53.9216, 0.2351, 0.3186



53.9216, 0.2671, 0.2534



53.9216, 0.3965, 0.3304



# Rectangle

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



53.9216, 0.3548, 0.4155



53.9216, 0.2778, 0.3809



53.9216, 0.2671, 0.2534



53.9216, 0.3445, 0.2841

# Sweetspot

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



53.9240, 0.3548, 0.4155



97.7560, 0.3252, 0.3539



33.0176, 0.3878, 0.3412



20.8602, 0.3270, 0.3575



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.



53.9240, 0.3548, 0.4155



92.1776, 0.3635, 0.4347



50.1457, 0.3272, 0.4238



12.3344, 0.3243, 0.3520



31.7573, 0.3937, 0.5256



1.5260, 0.3994, 0.5211



# Inverse Universe

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



26.4300, 0.2608, 0.2309



37.2762, 0.2466, 0.2054



29.7960, 0.2918, 0.2390



10.3616, 0.3005, 0.3053



2.8478, 0.1565, 0.0636



0.1597, 0.1731, 0.0727



# Previews

## White Background



This preview shows how the Yxy color 53.9216, 0.3548, 0.4155 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

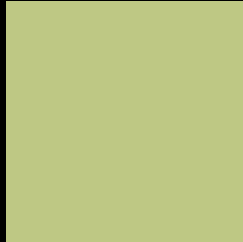
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.9216, 0.3548, 0.4155 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

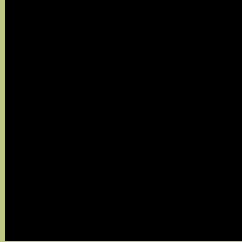
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.9216, 0.3548, 0.4155**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.9216, 0.3548, 0.4155.



This preview shows how white text looks on a background with the Yxy color 53.9216, 0.3548, 0.4155.

# 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

53.9216, 0.3548, 0.4155

### Protanopia

53.8702, 0.3768, 0.4074

### Deuteranopia

53.4361, 0.3949, 0.3859



## Tritanopia

53.8599, 0.3079, 0.3110

# Trichromacy



**Original Color**

53.9216, 0.3548, 0.4155

**Protanomaly**

53.7881, 0.3691, 0.4102

**Deuteranomaly**

53.1471, 0.3800, 0.3957

**Tritanomaly**

53.5740, 0.3257, 0.3476

# Monochromacy



**Original Color**

53.9216, 0.3548, 0.4155

**Achromatopsia**

50.8881, 0.3127, 0.3290

**Achromatomaly**

51.7859, 0.3285, 0.3610

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9216, 0.3548, 0.4155 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(190, 200, 132)` looks like.

```
.text, #text, p{  
    color:rgb(190, 200, 132)  
}
```

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(190, 200, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 200, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9216, 0.3548, 0.4155 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(190, 200, 132) }
```

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

```
.border{ border-color:rgb(190, 200, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 200, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 200, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 200, 132);  
box-shadow:4px 4px 4px 4px rgb(190, 200,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9216, 0.3548, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 200, 132) }
```

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

```
.background{ background-color: rgb(190,  
200, 132) }
```

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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