

# Converting Colors

Yxy(53.3644, 0.3549, 0.4091)

Have a look what the booklet for  
Yxy(53.3644, 0.3549, 0.4091)  
contains.

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# Color

**Yxy(53.3439, 0.3550, 0.4090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0C687
RGB	192, 198, 135
RGB Percent	75%, 78%, 53%
CMY	0.2472, 0.2235, 0.4706
CMYK	0.03, 0.00, 0.32, 0.22
HSL	66°, 36%, 65%
HSV	66°, 32%, 78%
XYZ	46.3009, 53.3439, 30.7803
YIQ	189.0240, 16.6470, -20.8650

# Conversions

## Conversions Part 2

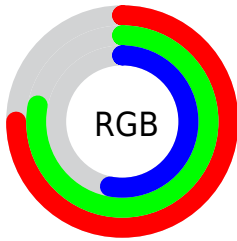
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 198, 141
Decimal	12633735
CIELab	78.08, -12.09, 30.94
CIElCh	78, 33.220, 111.341
Yxy	53.3439, 0.3550, 0.4090
Android (android.graphics.Color)	4290823815 (0xFFC0C687)
YUV	189.0240, -26.6338, 2.6100
Hunter-Lab	73.0369, -14.6565, 26.1389

# Details

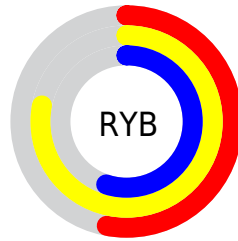
The Yxy color **53.3439, 0.3550, 0.4090** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0751, 0.2618, 0.2375**, and the grayscale version is **51.0509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3339, 0.3479, 0.3948**, and **25.9899, 0.3658, 0.4311** is the 20% darker color. If you saturate the color by 10%, you get **52.5933, 0.3675, 0.4338**, and if you desaturate by 10%, it is **54.2062, 0.3418, 0.3835**.

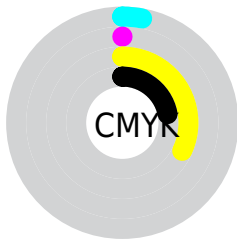
# Distribution



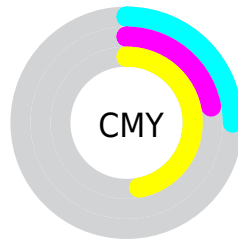
- Red (75%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)




- Cyan (25%)
- Magenta (22%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3439, 0.3550, 0.4090 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 53.3439, 0.3550, 0.4090 by changing the saturation by 10% instead.





 53.3439, 0.3550,  
0.4090


 53.3439, 0.3550,  
0.4090


399.6031, 0.3352,  
0.3693


 38.0774, 0.3595,  
0.4187


 95.1102, 0.3481,  
0.3947

 26.0427, 0.3649,  
0.4310


 122.3788, 0.3455,  
0.3893

 16.8556, 0.3714,  
0.4470


 154.4169, 0.3432,  
0.3847

 10.1316, 0.3795,  
0.4684

191.6088, 0.3411,  
0.3807

 5.4863, 0.3888,  
0.4982

234.3390, 0.3394,  
0.3773

 2.5353, 0.4220,  
0.5744

282.9919, 0.3378,

 0.8943, 0.3829,

0.3743

0.6171

337.9518, 0.3364,  
0.3716

0.0000, 0.0000,  
0.0000

53.3439, 0.3550,  
0.4090

53.3439, 0.3550,  
0.4090

52.5933, 0.3675,  
0.4338

54.2062, 0.3418,  
0.3835

51.9414, 0.3788,  
0.4569

55.1785, 0.3283,  
0.3580

51.3843, 0.3883,  
0.4772


56.2679, 0.3151,  
0.3334


50.9150, 0.3955,  
0.4940


57.4792, 0.3023,  
0.3100


50.5254, 0.4002,  
0.5064


58.8168, 0.2903,  
0.2881


 50.2057, 0.4023,  
0.5145

 60.2849, 0.2790,  
0.2679

 49.9815, 0.4025,  
0.5186

 60.6296, 0.2796,  
0.2670

 60.9016, 0.2809,  
0.2672

 61.1768, 0.2822,  
0.2674

# Harmonies

## Analogous

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



53.3439, 0.3885, 0.3939



53.3439, 0.3550, 0.4090



53.3439, 0.3116, 0.3997

# Triad

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



53.3439, 0.3550, 0.4090



53.3439, 0.2312, 0.2848



53.3439, 0.3538, 0.2947

# Complementary

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



53.3439, 0.3550, 0.4090



27.0751, 0.2618, 0.2375

# Split Complementary

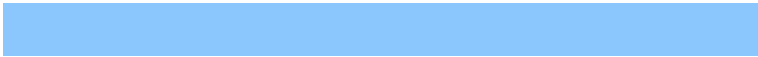
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.3439, 0.3088, 0.2697



53.3439, 0.3550, 0.4090



53.3439, 0.2404, 0.2625

# Square

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



53.3439, 0.3550, 0.4090



53.3439, 0.2416, 0.3226



53.3439, 0.2678, 0.2580



53.3439, 0.3888, 0.3281



# Rectangle

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



53.3439, 0.3550, 0.4090



53.3439, 0.2831, 0.3796



53.3439, 0.2678, 0.2580



53.3439, 0.3392, 0.2852

# Sweetspot

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



53.3463, 0.3550, 0.4090



98.0045, 0.3261, 0.3538



32.5890, 0.3826, 0.3362



20.9207, 0.3280, 0.3574



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.



53.3463, 0.3550, 0.4090



93.5331, 0.3636, 0.4259



49.7474, 0.3290, 0.4162



12.3634, 0.3251, 0.3519



32.5203, 0.4028, 0.5184



1.5552, 0.4064, 0.5155



# Inverse Universe

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



27.0751, 0.2618, 0.2375



39.9655, 0.2488, 0.2147



30.1519, 0.2904, 0.2445



10.3353, 0.2997, 0.3052



2.7585, 0.1536, 0.0620



0.1476, 0.1652, 0.0684



# Previews

## White Background



This preview shows how the Yxy color 53.3439, 0.3550, 0.4090 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 53.3439, 0.3550, 0.4090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

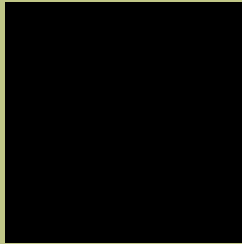
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

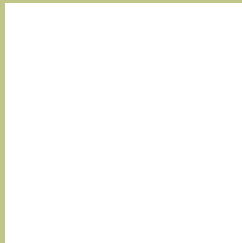
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.3439, 0.3550, 0.4090**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.3439, 0.3550, 0.4090.



This preview shows how white text looks on a background with the Yxy color 53.3439, 0.3550, 0.4090.

# 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

53.3439, 0.3550, 0.4090

### Protanopia

53.3887, 0.3733, 0.4018

### Deuteranopia

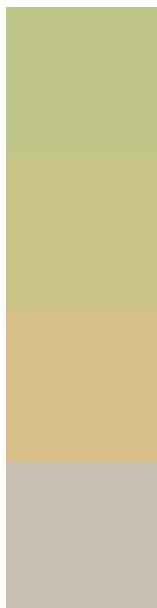
53.1909, 0.3906, 0.3830



## Tritanopia

53.1723, 0.3111, 0.3111

# Trichromacy



## Original Color

53.3439, 0.3550, 0.4090

## Protanomaly

53.4480, 0.3664, 0.4043

## Deuteranomaly

53.2320, 0.3776, 0.3922

## Tritanomaly

52.9597, 0.3276, 0.3451

# Monochromacy



## Original Color

53.3439, 0.3550, 0.4090

## Achromatopsia

50.8881, 0.3127, 0.3290

## Achromatomaly

51.5110, 0.3287, 0.3583

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.3439, 0.3550, 0.4090 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(192, 198, 135)` looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 135)  
}
```

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(192, 198, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 135) }
```

## Border

The CSS property to change the border of an element to Yxy 53.3439, 0.3550, 0.4090 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(192, 198, 135) }
```

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

```
.border{ border-color:rgb(192, 198, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 135);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
135) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.3439, 0.3550, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 135) }
```

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

```
.background{ background-color: rgb(192,  
198, 135) }
```

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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