

# Converting Colors

Yxy(54.0116, 0.3320, 0.3625)

Have a look what the booklet for  
Yxy(54.0116, 0.3320, 0.3625)  
contains.

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# Color

**Yxy(53.9465, 0.3323, 0.3628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C4A9
RGB	195, 196, 169
RGB Percent	76%, 77%, 66%
CMY	0.2352, 0.2314, 0.3373
CMYK	0.00, 0.00, 0.14, 0.23
HSL	62°, 19%, 72%
HSV	62°, 14%, 77%
XYZ	49.4113, 53.9465, 45.3371
YIQ	192.6230, 8.0710, -8.6090

# Conversions

## Conversions Part 2

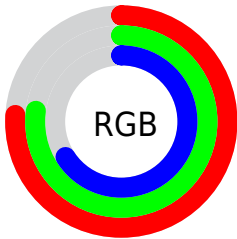
Format	Color
<a href="#">RYB</a>	<a href="#">169, 196, 170</a>
Decimal	<a href="#">12829865</a>
CIELab	<a href="#">78.43, -4.99, 13.46</a>
CIElCh	<a href="#">78, 14.360, 110.339</a>
Yxy	<a href="#">53.9465, 0.3323, 0.3628</a>
Android (android.graphics.Color)	<a href="#">4291019945 (0xFFC3C4A9)</a>
YUV	<a href="#">192.6230, -11.6461, 2.0846</a>
Hunter-Lab	<a href="#">73.4483, -8.4511, 14.8161</a>

# Details

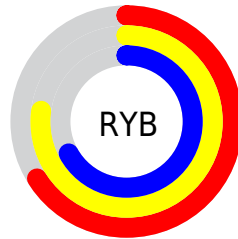
The Yxy color **53.9465, 0.3323, 0.3628** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.8973, 0.2917, 0.2930**, and the grayscale version is **53.1645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3278, 0.3292, 0.3574**, and **26.2931, 0.3371, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **53.1737, 0.3468, 0.3880**, and if you desaturate by 10%, it is **54.8349, 0.3180, 0.3381**.

# Distribution



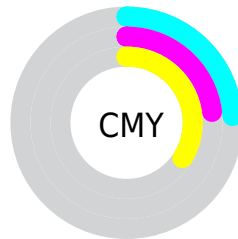
- Red (76%)
- Green (77%)
- Blue (66%)



- Red (66%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)




- Cyan (24%)
- Magenta (23%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9465, 0.3323, 0.3628 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 53.9465, 0.3323, 0.3628 by changing the saturation by 10% instead.




 53.9465, 0.3323,  
0.3628

 53.9465, 0.3323,  
0.3628


401.9060, 0.3228,  
0.3461

 38.5589, 0.3346,  
0.3669


 95.9957, 0.3289,  
0.3568

 26.4167, 0.3374,  
0.3721


123.4261, 0.3277,  
0.3545

 17.1357, 0.3411,  
0.3789


155.6395, 0.3266,  
0.3526

 10.3313, 0.3460,  
0.3883

193.0203, 0.3256,  
0.3510

 5.6191, 0.3530,  
0.4020

235.9530, 0.3248,  
0.3495

 2.6149, 0.3633,  
0.4235

284.8219, 0.3241,

 0.9342, 0.4313,

0.3483

0.5265

340.0114, 0.3234,  
0.3471

0.0000, 0.0000,  
0.0000

53.9465, 0.3323,  
0.3628

53.9465, 0.3323,  
0.3628

53.1737, 0.3468,  
0.3880

54.8349, 0.3180,  
0.3381

52.5044, 0.3610,  
0.4129

55.8362, 0.3042,  
0.3144

51.9357, 0.3744,  
0.4366


56.9573, 0.2912,  
0.2921

51.4619, 0.3864,  
0.4582


58.2022, 0.2790,  
0.2714

51.0768, 0.3966,  
0.4767

58.7786, 0.2749,  
0.2639


 50.7733, 0.4044,  
0.4914


 58.8747, 0.2754,  
0.2640


 50.5431, 0.4096,  
0.5017

 58.9712, 0.2758,  
0.2641

 50.3767, 0.4123,  
0.5079

 59.0682, 0.2763,  
0.2642

 50.2937, 0.4131,  
0.5102

 59.1656, 0.2768,  
0.2643

# Harmonies

## Analogous

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



53.9465, 0.3460, 0.3576



53.9465, 0.3323, 0.3628



53.9465, 0.3136, 0.3584

# Triad

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



53.9465, 0.3323, 0.3628



53.9465, 0.2762, 0.3112



53.9465, 0.3300, 0.3134

# Complementary

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



53.9465, 0.3323, 0.3628



40.8973, 0.2917, 0.2930

# 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.



53.9465, 0.3109, 0.3018



53.9465, 0.3323, 0.3628



53.9465, 0.2802, 0.3001

# Square

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



53.9465, 0.3323, 0.3628



53.9465, 0.2816, 0.3277



53.9465, 0.2927, 0.2969



53.9465, 0.3448, 0.3290



# Rectangle

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



53.9465, 0.3323, 0.3628



53.9465, 0.3010, 0.3504



53.9465, 0.2927, 0.2969



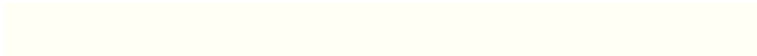
53.9465, 0.3239, 0.3089

# Sweetspot

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



53.9489, 0.3323, 0.3628



99.2911, 0.3184, 0.3388



43.3065, 0.3376, 0.3302



21.2247, 0.3195, 0.3406



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.



53.9489, 0.3323, 0.3628



97.2222, 0.3373, 0.3716



52.2383, 0.3212, 0.3640



11.7393, 0.3259, 0.3518



32.3251, 0.4132, 0.5101



1.4025, 0.4146, 0.5090



# Inverse Universe

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



40.8973, 0.2917, 0.2930



68.3089, 0.2858, 0.2829



42.4717, 0.3032, 0.2942



9.7648, 0.2989, 0.3052



2.5981, 0.1513, 0.0607



0.1183, 0.1561, 0.0634



# Previews

## White Background



This preview shows how the Yxy color 53.9465, 0.3323, 0.3628 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 53.9465, 0.3323, 0.3628 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

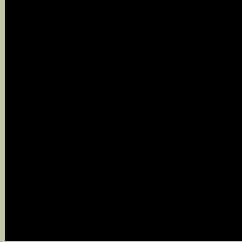
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

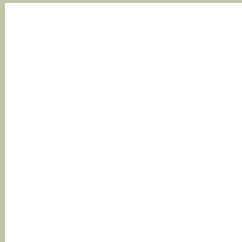
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 53.9465, 0.3323, 0.3628**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.9465, 0.3323, 0.3628.



This preview shows how white text looks on a background with the Yxy color 53.9465, 0.3323, 0.3628.

# 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

53.9465, 0.3323, 0.3628

### Protanopia

53.6636, 0.3404, 0.3598

### Deuteranopia

53.8531, 0.3549, 0.3478



## Tritanopia

53.9972, 0.3087, 0.3111

# Trichromacy



## Original Color

53.9465, 0.3323, 0.3628

## Protanomaly

53.6901, 0.3376, 0.3612

## Deuteranomaly

53.7262, 0.3471, 0.3531

## Tritanomaly

53.9960, 0.3168, 0.3290

# Monochromacy



## Original Color

53.9465, 0.3323, 0.3628

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.5136, 0.3202, 0.3414

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9465, 0.3323, 0.3628 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(195, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 169)  
}
```

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(195, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9465, 0.3323, 0.3628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

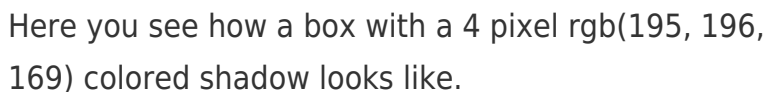
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 196, 169) }
```

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

```
.border{ border-color:rgb(195, 196, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 196, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 196, 169); box-shadow:4px 4px 4px 4px rgb(195, 196, 169) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9465, 0.3323, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 169) }
```

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

```
.background{ background-color: rgb(195,  
196, 169) }
```

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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