

# Converting Colors

Yxy(54.6805, 0.3474, 0.3796)

Have a look what the booklet for  
Yxy(54.6805, 0.3474, 0.3796)  
contains.

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# Color

**Yxy(54.7503, 0.3471, 0.3797)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9C59C
RGB	201, 197, 156
RGB Percent	79%, 77%, 61%
CMY	0.2119, 0.2274, 0.3881
CMYK	0.00, 0.02, 0.22, 0.21
HSL	55°, 29%, 70%
HSV	55°, 22%, 79%
XYZ	50.0496, 54.7503, 39.3937
YIQ	193.5220, 15.5450, -11.9030

# Conversions

## Conversions Part 2

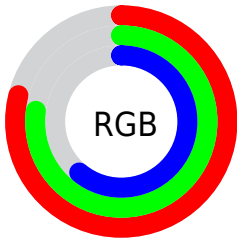
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 201, 156
Decimal	13223324
CIELab	78.90, -5.28, 21.10
CIELCh	79, 21.754, 104.044
Yxy	54.7503, 0.3471, 0.3797
Android (android.graphics.Color)	4291413404 (0xFFC9C59C)
YUV	193.5220, -18.4983, 6.5582
Hunter-Lab	73.9934, -8.7501, 20.2298

# Details

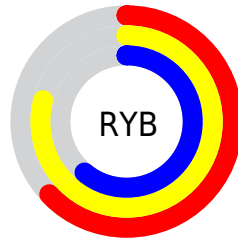
The Yxy color **54.7503, 0.3471, 0.3797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4214, 0.2757, 0.2727**, and the grayscale version is **53.7559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8468, 0.3389, 0.3711**, and **26.8679, 0.3561, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **53.3286, 0.3631, 0.4027**, and if you desaturate by 10%, it is **56.2990, 0.3313, 0.3567**.

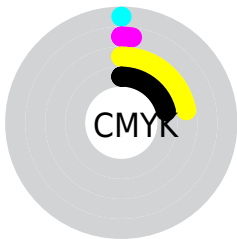
# Distribution



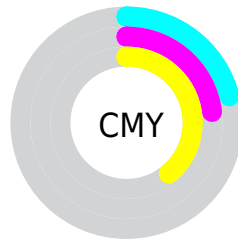
- Red (79%)
- Green (77%)
- Blue (61%)



- Red (63%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (22%)
- Black (21%)




- Cyan (21%)
- Magenta (23%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7503, 0.3471, 0.3797 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 54.7503, 0.3471, 0.3797 by changing the saturation by 10% instead.





 54.7503, 0.3471,  
0.3797


 54.7503, 0.3471,  
0.3797


404.9647, 0.3306,  
0.3548

 39.2018, 0.3510,  
0.3857


 97.1750, 0.3413,  
0.3708

 26.9168, 0.3558,  
0.3934


 124.8200, 0.3390,  
0.3674

 17.5107, 0.3621,  
0.4033


157.2661, 0.3371,  
0.3645

 10.5993, 0.3702,  
0.4168

194.8975, 0.3355,  
0.3620

 5.7981, 0.3814,  
0.4360

238.0986, 0.3340,  
0.3599

 2.7227, 0.3974,  
0.4654

287.2540, 0.3327,

 0.9887, 0.4495,

0.3580

0.5505

342.7479, 0.3316,  
0.3563

0.0000, 0.0000,  
0.0000

54.7503, 0.3471,  
0.3797

54.7503, 0.3471,  
0.3797

53.3286, 0.3631,  
0.4027

56.2990, 0.3313,  
0.3567

52.0210, 0.3788,  
0.4247

57.9724, 0.3162,  
0.3342

50.8238, 0.3936,  
0.4449

59.7780, 0.3019,  
0.3127


49.7305, 0.4069,  
0.4623

61.7203, 0.2886,  
0.2925

48.7336, 0.4181,  
0.4761


63.7061, 0.2773,  
0.2753


 47.8247, 0.4267,  
0.4855


 64.5616, 0.2774,  
0.2773

 46.9936, 0.4326,  
0.4906

 65.4267, 0.2776,  
0.2793

 46.3970, 0.4357,  
0.4922

 66.3015, 0.2777,  
0.2813

 67.1859, 0.2779,  
0.2833

# Harmonies

## Analogous

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



54.7503, 0.3656, 0.3683



54.7503, 0.3471, 0.3797



54.7503, 0.3198, 0.3767

# Triad

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



54.7503, 0.3471, 0.3797



54.7503, 0.2590, 0.3063



54.7503, 0.3328, 0.3015

# Complementary

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



54.7503, 0.3471, 0.3797



36.4214, 0.2757, 0.2727

# 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.



54.7503, 0.3035, 0.2864



54.7503, 0.3471, 0.3797



54.7503, 0.2620, 0.2881

# Square

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



54.7503, 0.3471, 0.3797



54.7503, 0.2695, 0.3324



54.7503, 0.2779, 0.2813



54.7503, 0.3575, 0.3234



# Rectangle

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



54.7503, 0.3471, 0.3797



54.7503, 0.3005, 0.3663



54.7503, 0.2779, 0.2813



54.7503, 0.3232, 0.2955

# Sweetspot

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



54.7527, 0.3471, 0.3797



97.9051, 0.3233, 0.3447



38.7554, 0.3534, 0.3233



20.9182, 0.3242, 0.3461



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.



54.7527, 0.3471, 0.3797



92.5267, 0.3551, 0.3913



54.2257, 0.3312, 0.3870



12.2512, 0.3267, 0.3499



29.2516, 0.4355, 0.4924



1.4331, 0.4317, 0.4954



# Inverse Universe

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



36.4214, 0.2757, 0.2727



55.4688, 0.2662, 0.2580



37.0006, 0.2908, 0.2697



10.4350, 0.2983, 0.3072



2.9754, 0.1518, 0.0665



0.1937, 0.1577, 0.0878



# Previews

## White Background



This preview shows how the Yxy color 54.7503, 0.3471, 0.3797 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

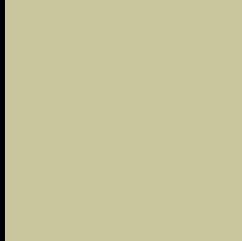
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.7503, 0.3471, 0.3797 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

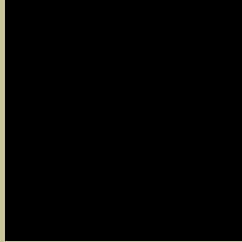
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

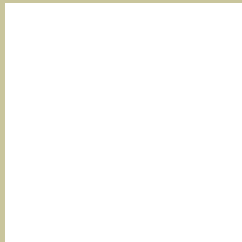
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.7503, 0.3471, 0.3797**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.7503, 0.3471, 0.3797.



This preview shows how white text looks on a background with the Yxy color 54.7503, 0.3471, 0.3797.

# 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

54.7503, 0.3471, 0.3797

### Protanopia

54.8067, 0.3545, 0.3776

### Deuteranopia

54.7660, 0.3708, 0.3637



## Tritanopia

54.5001, 0.3152, 0.3114

# Trichromacy



## Original Color

54.7503, 0.3471, 0.3797

## Protanomaly

54.8255, 0.3516, 0.3792

## Deuteranomaly

54.6014, 0.3628, 0.3693

## Tritanomaly

54.7069, 0.3271, 0.3363

# Monochromacy



## Original Color

54.7503, 0.3471, 0.3797

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

54.1958, 0.3256, 0.3475

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.7503, 0.3471, 0.3797 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(201, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 156)  
}
```

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(201, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 156) }
```

## Border

The CSS property to change the border of an element to Yxy 54.7503, 0.3471, 0.3797 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(201, 197, 156) }
```

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

```
.border{ border-color:rgb(201, 197, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
156) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.7503, 0.3471, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 156) }
```

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

```
.background{ background-color: rgb(201,  
197, 156) }
```

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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