

# Converting Colors

Yxy(54.9285, 0.3537, 0.3979)

Have a look what the booklet for  
Yxy(54.9285, 0.3537, 0.3979)  
contains.

<b>Yxy(54.8662, 0.3532, 0.3975)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(54.8662, 0.3532, 0.3975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6C790
RGB	198, 199, 144
RGB Percent	78%, 78%, 56%
CMY	0.2234, 0.2196, 0.4352
CMYK	0.00, 0.00, 0.28, 0.22
HSL	61°, 33%, 67%
HSV	61°, 28%, 78%
XYZ	48.7516, 54.8662, 34.4104
YIQ	192.4310, 17.0590, -17.3170

# Conversions

## Conversions Part 2

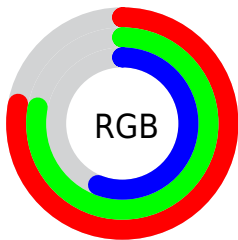
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 199, 145
Decimal	13027216
CIELab	78.96, -9.09, 27.50
CIELCh	79, 28.964, 108.288
Yxy	54.8662, 0.3532, 0.3975
Android (android.graphics.Color)	4291217296 (0xFFC6C790)
YUV	192.4310, -23.8765, 4.8840
Hunter-Lab	74.0717, -12.1427, 24.3067

# Details

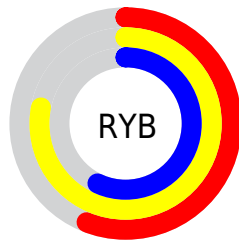
The Yxy color **54.8662, 0.3532, 0.3975** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0919, 0.2659, 0.2503**, and the grayscale version is **53.1159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **26.8808, 0.3626, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **54.2650, 0.3675, 0.4219**, and if you desaturate by 10%, it is **55.5797, 0.3384, 0.3724**.

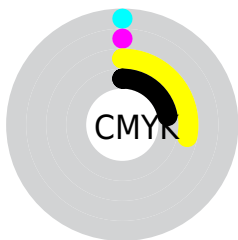
# Distribution



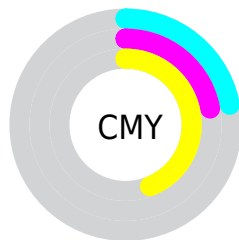
- Red (78%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (57%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)




- Cyan (22%)
- Magenta (22%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8662, 0.3532, 0.3975 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 54.8662, 0.3532, 0.3975 by changing the saturation by 10% instead.





 54.8662, 0.3532,  
0.3975


 54.8662, 0.3532,  
0.3975


405.4045, 0.3341,  
0.3638

 39.2946, 0.3576,  
0.4057


 97.3449, 0.3465,  
0.3854

 26.9890, 0.3630,  
0.4160


 125.0208, 0.3439,  
0.3808

 17.5650, 0.3697,  
0.4295


157.5002, 0.3417,  
0.3769

 10.6381, 0.3782,  
0.4475

195.1676, 0.3398,  
0.3735

 5.8240, 0.3890,  
0.4727

238.4073, 0.3381,  
0.3706

 2.7384, 0.4105,  
0.5205

287.6038, 0.3366,

 0.9967, 0.4199,

0.3680

0.5801

343.1414, 0.3352,  
0.3658

0.0000, 0.0000,  
0.0000

54.8662, 0.3532,  
0.3975

54.8662, 0.3532,  
0.3975

54.2650, 0.3675,  
0.4219

55.5797, 0.3384,  
0.3724

53.7630, 0.3808,  
0.4447

56.4034, 0.3237,  
0.3475

53.3567, 0.3925,  
0.4648


57.3445, 0.3094,  
0.3234

53.0391, 0.4021,  
0.4816


58.4077, 0.2958,  
0.3005

52.8026, 0.4092,  
0.4942


59.5972, 0.2830,  
0.2791


 52.6382, 0.4137,  
0.5025

 60.3637, 0.2762,  
0.2675

 52.5328, 0.4159,  
0.5069

 60.4123, 0.2764,  
0.2675

 52.5114, 0.4162,  
0.5077

 60.4610, 0.2767,  
0.2676

 60.5097, 0.2769,  
0.2676

# Harmonies

## Analogous

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



54.8662, 0.3805, 0.3835



54.8662, 0.3532, 0.3975



54.8662, 0.3161, 0.3913

# Triad

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



54.8662, 0.3532, 0.3975



54.8662, 0.2417, 0.2939



54.8662, 0.3446, 0.2965

# Complementary

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



54.8662, 0.3532, 0.3975



30.0919, 0.2659, 0.2503

# 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.



54.8662, 0.3056, 0.2755



54.8662, 0.3532, 0.3975



54.8662, 0.2481, 0.2726

# Square

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



54.8662, 0.3532, 0.3975



54.8662, 0.2528, 0.3277



54.8662, 0.2707, 0.2667



54.8662, 0.3760, 0.3255



# Rectangle

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



54.8662, 0.3532, 0.3975



54.8662, 0.2910, 0.3754



54.8662, 0.2707, 0.2667



54.8662, 0.3318, 0.2884

# Sweetspot

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



54.8687, 0.3532, 0.3975



98.6867, 0.3244, 0.3487



34.3847, 0.3719, 0.3304



21.0734, 0.3266, 0.3525



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.



54.8687, 0.3532, 0.3975



95.4334, 0.3617, 0.4119



51.4713, 0.3301, 0.4029



12.4071, 0.3263, 0.3518



33.7714, 0.4163, 0.5077



1.6022, 0.4170, 0.5071



# Inverse Universe

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



30.0919, 0.2659, 0.2503



45.0982, 0.2541, 0.2307



32.8920, 0.2905, 0.2556



10.2963, 0.2985, 0.3051



2.6701, 0.1506, 0.0604

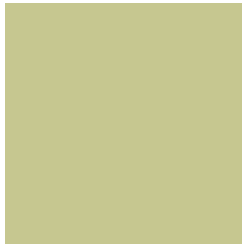


0.1296, 0.1529, 0.0616



# Previews

## White Background



This preview shows how the Yxy color 54.8662, 0.3532, 0.3975 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 54.8662, 0.3532, 0.3975 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

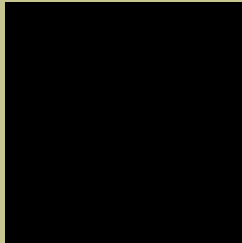
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

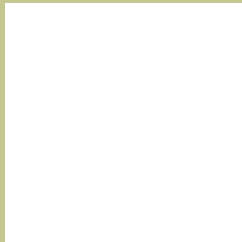
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.8662, 0.3532, 0.3975**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.8662, 0.3532, 0.3975.



This preview shows how white text looks on a background with the Yxy color 54.8662, 0.3532, 0.3975.

# 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

54.8662, 0.3532, 0.3975

### Protanopia

54.6848, 0.3664, 0.3931

### Deuteranopia

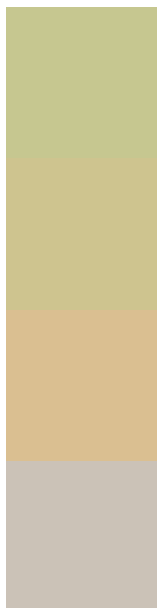
54.4390, 0.3839, 0.3760



## Tritanopia

54.8396, 0.3135, 0.3114

# Trichromacy



## Original Color

54.8662, 0.3532, 0.3975

## Protanomaly

54.5848, 0.3618, 0.3938

## Deuteranomaly

54.2114, 0.3725, 0.3835

## Tritanomaly

54.6990, 0.3284, 0.3424

# Monochromacy



## Original Color

54.8662, 0.3532, 0.3975

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

53.5947, 0.3270, 0.3540

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.8662, 0.3532, 0.3975 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(198, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 144)  
}
```

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(198, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 144) }
```

## Border

The CSS property to change the border of an element to Yxy 54.8662, 0.3532, 0.3975 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(198, 199, 144) }
```

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

```
.border{ border-color:rgb(198, 199, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
144) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.8662, 0.3532, 0.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 144) }
```

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

```
.background{ background-color: rgb(198,  
199, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor