

# Converting Colors

Yxy(54.3004, 0.3601, 0.3942)

Have a look what the booklet for  
Yxy(54.3004, 0.3601, 0.3942)  
contains.

<b>Yxy(54.3004, 0.3601, 0.3942)</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(54.3004, 0.3601, 0.3942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC48F
RGB	204, 196, 143
RGB Percent	80%, 77%, 56%
CMY	0.1999, 0.2314, 0.4393
CMYK	0.00, 0.04, 0.30, 0.20
HSL	52°, 37%, 68%
HSV	52°, 30%, 80%
XYZ	49.6032, 54.3004, 33.8448
YIQ	192.3500, 21.7810, -14.7870

# Conversions

## Conversions Part 2

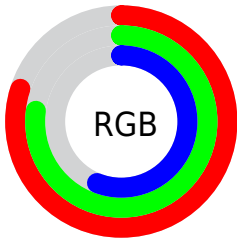
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 204, 143
Decimal	13419663
CIELab	78.64, -5.36, 27.69
CIELCh	79, 28.201, 100.956
Yxy	54.3004, 0.3601, 0.3942
Android (android.graphics.Color)	4291609743 (0xFFCCC48F)
YUV	192.3500, -24.3295, 10.2171
Hunter-Lab	73.6888, -8.7992, 24.3507

# Details

The Yxy color  $54.3004, 0.3601, 0.3942$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $32.3334, 0.2616, 0.2541$ , and the grayscale version is  $53.0650, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $95.5418, 0.3476, 0.3842$ , and  $26.5083, 0.3722, 0.4111$  is the 20% darker color. If you saturate the color by 10%, you get  $52.5406, 0.3766, 0.4158$ , and if you desaturate by 10%, it is  $56.1992, 0.3436, 0.3721$ .

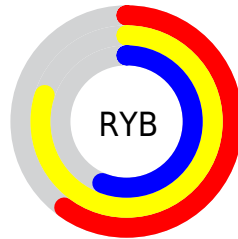
# Distribution



Red (80%)

Green (77%)

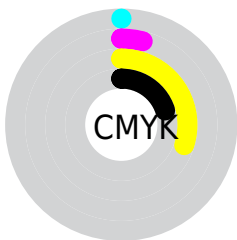
Blue (56%)



Red (60%)

Yellow (80%)

Blue (56%)

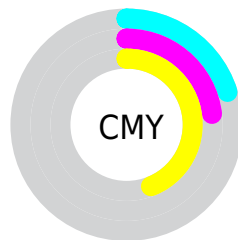


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (20%)



Cyan (20%)

Magenta (23%)


Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3004, 0.3601, 0.3942 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 54.3004, 0.3601, 0.3942 by changing the saturation by 10% instead.




 54.3004, 0.3601,  
0.3942


 54.3004, 0.3601,  
0.3942


403.2545, 0.3374,  
0.3623

 38.8419, 0.3654,  
0.4019


 96.5152, 0.3521,  
0.3828

 26.6367, 0.3719,  
0.4115


 124.0402, 0.3491,  
0.3785

 17.3006, 0.3801,  
0.4239


156.3562, 0.3464,  
0.3748

 10.4490, 0.3907,  
0.4405

193.8476, 0.3442,  
0.3716

 5.6977, 0.4045,  
0.4632

236.8987, 0.3422,  
0.3688

 2.6621, 0.4327,  
0.5080

285.8940, 0.3404,

 0.9580, 0.4481,

0.3664

0.5519

341.2178, 0.3388,  
0.3642

0.0000, 0.0000,  
0.0000

54.3004, 0.3601,  
0.3942

54.3004, 0.3601,  
0.3942

52.5406, 0.3766,  
0.4158

56.1992, 0.3436,  
0.3721

50.9063, 0.3927,  
0.4359

58.2353, 0.3277,  
0.3501

49.3930, 0.4076,  
0.4535

60.4166, 0.3126,  
0.3288

47.9933, 0.4207,  
0.4677

62.7482, 0.2985,  
0.3087

46.6985, 0.4313,  
0.4778

65.2348, 0.2856,  
0.2898

■ 45.4985, 0.4392,  
0.4833

■ 67.1933, 0.2798,  
0.2826

■ 44.3745, 0.4447,  
0.4851

■ 68.5461, 0.2800,  
0.2856

■ 44.3657, 0.4447,  
0.4851

■ 69.9214, 0.2801,  
0.2885

■ 71.3191, 0.2803,  
0.2915

# Harmonies

## Analogous

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



54.3004, 0.3829, 0.3768



54.3004, 0.3601, 0.3942



54.3004, 0.3253, 0.3933

# Triad

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



54.3004, 0.3601, 0.3942



54.3004, 0.2444, 0.3020



54.3004, 0.3348, 0.2913

# Complementary

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



54.3004, 0.3601, 0.3942



32.3334, 0.2616, 0.2541

# 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.



54.3004, 0.2967, 0.2733



54.3004, 0.3601, 0.3942



54.3004, 0.2464, 0.2776

# Square

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



54.3004, 0.3601, 0.3942



54.3004, 0.2592, 0.3368



54.3004, 0.2649, 0.2680



54.3004, 0.3683, 0.3182



# Rectangle

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



54.3004, 0.3601, 0.3942



54.3004, 0.3003, 0.3809



54.3004, 0.2649, 0.2680



54.3004, 0.3220, 0.2841

# Sweetspot

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



54.3029, 0.3601, 0.3942



96.6993, 0.3264, 0.3484



34.7180, 0.3701, 0.3187



20.5875, 0.3287, 0.3516



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

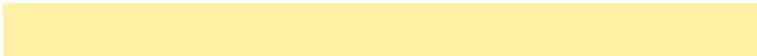


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3029, 0.3601, 0.3942



87.9723, 0.3710, 0.4084



55.0810, 0.3389, 0.4079



12.8353, 0.3269, 0.3490



28.0149, 0.4443, 0.4854



1.5169, 0.4387, 0.4898



# Inverse Universe

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



32.3334, 0.2616, 0.2541



45.7918, 0.2488, 0.2345



32.0381, 0.2798, 0.2469



11.0778, 0.2982, 0.3082



3.3098, 0.1530, 0.0709

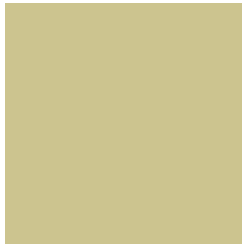


0.2507, 0.1608, 0.0987



# Previews

## White Background



This preview shows how the Yxy color 54.3004, 0.3601, 0.3942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

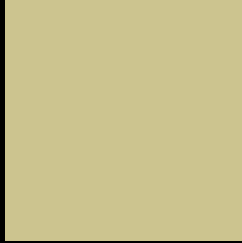
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.3004, 0.3601, 0.3942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

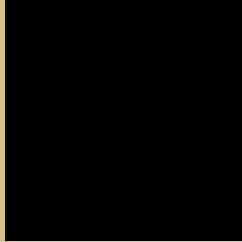
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

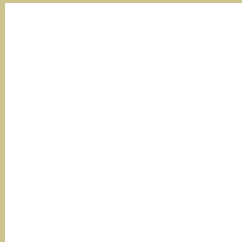
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.3004, 0.3601, 0.3942**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.3004, 0.3601, 0.3942.



This preview shows how white text looks on a background with the Yxy color 54.3004, 0.3601, 0.3942.

# 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

54.3004, 0.3601, 0.3942

### Protanopia

54.0919, 0.3659, 0.3922

### Deuteranopia

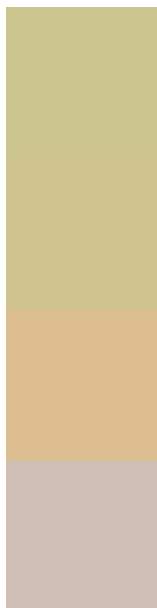
54.4080, 0.3848, 0.3771



## Tritanopia

54.1271, 0.3201, 0.3115

# Trichromacy



## Original Color

54.3004, 0.3601, 0.3942

## Protanomaly

54.2486, 0.3638, 0.3937

## Deuteranomaly

54.2127, 0.3764, 0.3831

## Tritanomaly

54.0077, 0.3346, 0.3411

# Monochromacy



## Original Color

54.3004, 0.3601, 0.3942

## Achromatopsia

52.7115, 0.3127, 0.3290

## Achromatomaly

52.9317, 0.3297, 0.3527

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.3004, 0.3601, 0.3942 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(204, 196, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 143)  
}
```

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(204, 196, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 54.3004, 0.3601, 0.3942 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(204, 196, 143) }
```

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

```
.border{ border-color:rgb(204, 196, 143) }
```

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

Here you see how a box with a 4 pixel rgb(204, 196, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.3004, 0.3601, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 143) }
```

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

```
.background{ background-color: rgb(204,  
196, 143) }
```

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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