

# Converting Colors

Yxy(54.4363, 0.3836, 0.4000)

Have a look what the booklet for  
Yxy(54.4363, 0.3836, 0.4000)  
contains.

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# Color

**Yxy(54.4253, 0.3834, 0.3995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DBC084
RGB	219, 192, 132
RGB Percent	86%, 75%, 52%
CMY	0.1411, 0.2471, 0.4824
CMYK	0.00, 0.12, 0.40, 0.14
HSL	41°, 55%, 69%
HSV	41°, 40%, 86%
XYZ	52.2319, 54.4253, 29.5763
YIQ	193.2330, 35.3520, -12.9360

# Conversions

## Conversions Part 2

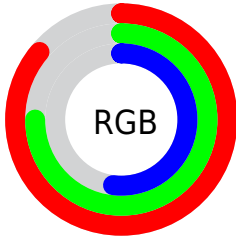
Format	Color
<b>RYB</b>	171, 219, 132
Decimal	14401668
CIELab	78.71, 1.32, 33.77
CIELCh	79, 33.791, 87.766
Yxy	54.4253, 0.3834, 0.3995
Android (android.graphics.Color)	4292591748 (0xFFDBC084)
YUV	193.2330, -30.1879, 22.5977
Hunter-Lab	73.7735, -2.7249, 27.8717

# Details

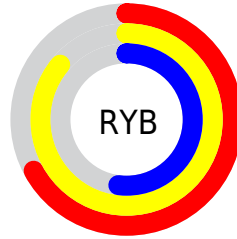
The Yxy color **54.4253, 0.3834, 0.3995** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.8194, 0.2453, 0.2462**, and the grayscale version is **53.6400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9400, 0.3554, 0.3906**, and **26.8610, 0.4008, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **50.9722, 0.4038, 0.4164**, and if you desaturate by 10%, it is **58.1473, 0.3637, 0.3816**.

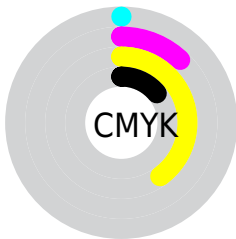
# Distribution



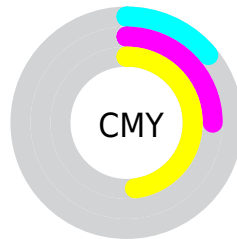
- Red (86%)
- Green (75%)
- Blue (52%)



- Red (67%)
- Yellow (86%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (14%)




- Cyan (14%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4253, 0.3834, 0.3995 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 54.4253, 0.3834, 0.3995 by changing the saturation by 10% instead.




 54.4253, 0.3834,  
0.3995


 54.4253, 0.3834,  
0.3995


403.7297, 0.3495,  
0.3659


 38.9418, 0.3913,  
0.4072

 96.6984, 0.3715,  
0.3877

 26.7144, 0.4010,  
0.4167


 124.2568, 0.3669,  
0.3832

 17.3589, 0.4132,  
0.4286


 156.6090, 0.3630,  
0.3793

 10.4907, 0.4287,  
0.4435

194.1392, 0.3595,  
0.3759

 5.7255, 0.4484,  
0.4622

237.2321, 0.3565,  
0.3729

 2.6789, 0.4939,  
0.5061

286.2718, 0.3539,

 0.9665, 0.4965,

0.3703

0.5035

341.6429, 0.3516,  
0.3680

0.0000, 0.0000,  
0.0000

54.4253, 0.3834,  
0.3995

54.4253, 0.3834,  
0.3995

50.9722, 0.4038,  
0.4164

58.1473, 0.3637,  
0.3816

47.7707, 0.4242,  
0.4312

62.1397, 0.3451,  
0.3634

44.8125, 0.4436,  
0.4429

66.4135, 0.3279,  
0.3456

42.0857, 0.4612,  
0.4503

70.9766, 0.3123,  
0.3286

39.5763, 0.4759,  
0.4528

75.8367, 0.2983,  
0.3126

■ 37.2617, 0.4878,  
0.4507

■ 80.4482, 0.2904,  
0.3060

■ 37.2031, 0.4881,  
0.4507

■ 84.3685, 0.2906,  
0.3131

■ 88.4389, 0.2909,  
0.3202

■ 92.6608, 0.2911,  
0.3271

# Harmonies

## Analogous

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



54.4253, 0.4017, 0.3713



54.4253, 0.3834, 0.3995



54.4253, 0.3464, 0.4101

# Triad

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



54.4253, 0.3834, 0.3995



54.4253, 0.2370, 0.3133



54.4253, 0.3186, 0.2736

# Complementary

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



54.4253, 0.3834, 0.3995



34.8194, 0.2453, 0.2462

# 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.



54.4253, 0.2753, 0.2585



54.4253, 0.3834, 0.3995



54.4253, 0.2308, 0.2780

# Square

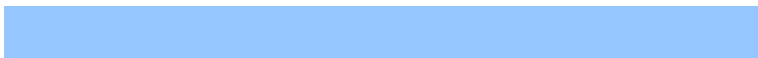
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4253, 0.3834, 0.3995



54.4253, 0.2623, 0.3576



54.4253, 0.2442, 0.2594



54.4253, 0.3632, 0.3010



# Rectangle

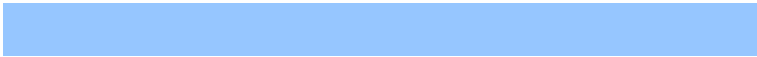
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.4253, 0.3834, 0.3995



54.4253, 0.3169, 0.4031



54.4253, 0.2442, 0.2594



54.4253, 0.3033, 0.2670

# Sweetspot

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



54.4278, 0.3834, 0.3995



92.2709, 0.3319, 0.3497



34.0844, 0.3801, 0.2959



19.5774, 0.3341, 0.3521



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.



54.4278, 0.3834, 0.3995



72.5667, 0.4011, 0.4143



65.0457, 0.3593, 0.4316



14.5462, 0.3274, 0.3451



22.2579, 0.4868, 0.4517



1.5927, 0.4731, 0.4625



# Inverse Universe

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



34.8194, 0.2453, 0.2462



41.1500, 0.2295, 0.2241



27.9049, 0.2522, 0.2117



13.2734, 0.2981, 0.3124



5.6559, 0.1620, 0.1030



0.5173, 0.1711, 0.1358



# Previews

## White Background



This preview shows how the Yxy color 54.4253, 0.3834, 0.3995 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

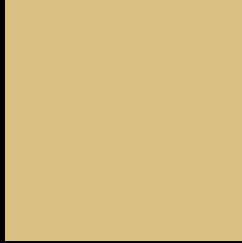
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.4253, 0.3834, 0.3995 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

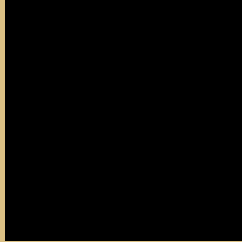
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.4253, 0.3834, 0.3995**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.4253, 0.3834, 0.3995.



This preview shows how white text looks on a background with the Yxy color 54.4253, 0.3834, 0.3995.

# 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

54.4253, 0.3834, 0.3995

### Protanopia

54.5726, 0.3742, 0.4035

### Deuteranopia

54.1349, 0.3978, 0.3888



## Tritanopia

54.5269, 0.3372, 0.3132

# Trichromacy



## Original Color

54.4253, 0.3834, 0.3995

## Protanomaly

54.5732, 0.3773, 0.4017

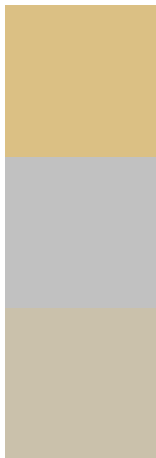
## Deuteranomaly

54.1539, 0.3924, 0.3920

## Tritanomaly

54.2846, 0.3541, 0.3442

# Monochromacy



## Original Color

54.4253, 0.3834, 0.3995

## Achromatopsia

53.3276, 0.3127, 0.3290

## Achromatomaly

53.6368, 0.3371, 0.3561

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.4253, 0.3834, 0.3995 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(219, 192, 132)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 132)  
}
```

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(219, 192, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 54.4253, 0.3834, 0.3995 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(219, 192, 132) }
```

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

```
.border{ border-color:rgb(219, 192, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 192, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 132);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.4253, 0.3834, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 132) }
```

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

```
.background{ background-color: rgb(219,  
192, 132) }
```

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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