

# Converting Colors

$Yxy(52.5934, 0.3849, 0.3945)$

Have a look what the booklet for  
Yxy(52.5934, 0.3849, 0.3945)  
contains.

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# Color

**Yxy(52.6925, 0.3852, 0.3952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBBC84
RGB	219, 188, 132
RGB Percent	86%, 74%, 52%
CMY	0.1412, 0.2627, 0.4825
CMYK	0.00, 0.14, 0.40, 0.14
HSL	39°, 55%, 69%
HSV	39°, 40%, 86%
XYZ	51.3592, 52.6925, 29.2795
YIQ	190.8850, 36.4520, -10.8440

# Conversions

## Conversions Part 2

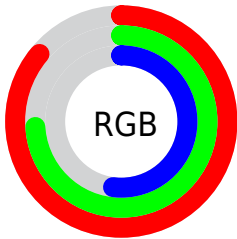
Format	Color
<b>RYB</b>	180, 219, 132
Decimal	14400644
CIELab	77.69, 3.40, 32.45
CIELCh	78, 32.626, 84.014
Yxy	52.6925, 0.3852, 0.3952
Android (android.graphics.Color)	4292590724 (0xFFDBBC84)
YUV	190.8850, -29.0303, 24.6569
Hunter-Lab	72.5896, -0.7380, 26.8977

# Details

The Yxy color **52.6925, 0.3852, 0.3952** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.1948, 0.2462, 0.2518**, and the grayscale version is **52.1854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5065, 0.3564, 0.3869**, and **25.7237, 0.4038, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **48.9148, 0.4068, 0.4112**, and if you desaturate by 10%, it is **56.7810, 0.3646, 0.3783**.

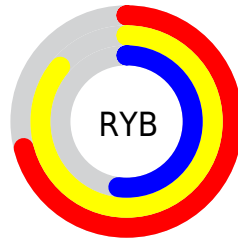
# Distribution



Red (86%)

Green (74%)

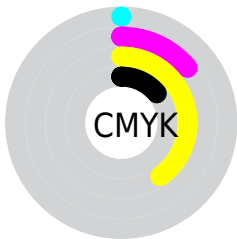
Blue (52%)



Red (71%)

Yellow (86%)

Blue (52%)

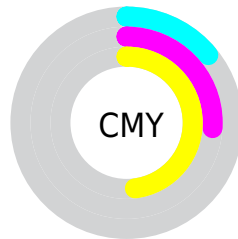


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (14%)



Cyan (14%)

Magenta (26%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6925, 0.3852, 0.3952 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 52.6925, 0.3852, 0.3952 by changing the saturation by 10% instead.





 52.6925, 0.3852,  
0.3952


 52.6925, 0.3852,  
0.3952


397.1042, 0.3501,  
0.3636

 37.5573, 0.3935,  
0.4025


 94.1517, 0.3728,  
0.3842

 25.6393, 0.4037,  
0.4114


 121.2446, 0.3680,  
0.3799

 16.5540, 0.4167,  
0.4225

 153.0922, 0.3639,  
0.3762

 9.9170, 0.4334,  
0.4364

190.0788, 0.3604,  
0.3730

 5.3440, 0.4551,  
0.4538

232.5890, 0.3573,  
0.3702

 2.4505, 0.5047,  
0.4953

281.0070, 0.3546,

 0.8517, 0.5120,

0.3678

0.4880

335.7173, 0.3522,  
0.3656

0.0000, 0.0000,  
0.0000

52.6925, 0.3852,  
0.3952

52.6925, 0.3852,  
0.3952

48.9148, 0.4068,  
0.4112

56.7810, 0.3646,  
0.3783

45.4297, 0.4287,  
0.4251

61.1829, 0.3455,  
0.3612

42.2281, 0.4500,  
0.4359

65.9101, 0.3281,  
0.3445

39.2968, 0.4696,  
0.4425


70.9714, 0.3123,  
0.3286


36.6208, 0.4864,  
0.4440


76.3752, 0.2983,  
0.3137


 34.1764, 0.5002,  
0.4409

 81.5794, 0.2905,  
0.3081

 34.1160, 0.5005,  
0.4408

 86.1378, 0.2907,  
0.3162

 90.8942, 0.2910,  
0.3243

 93.7999, 0.2911,  
0.3289

# Harmonies

## Analogous

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



52.6925, 0.4002, 0.3663



52.6925, 0.3852, 0.3952



52.6925, 0.3509, 0.4081

# Triad

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



52.6925, 0.3852, 0.3952



52.6925, 0.2409, 0.3190



52.6925, 0.3129, 0.2722

# Complementary

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



52.6925, 0.3852, 0.3952



36.1948, 0.2462, 0.2518

# 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.



52.6925, 0.2716, 0.2593



52.6925, 0.3852, 0.3952



52.6925, 0.2323, 0.2828

# Square

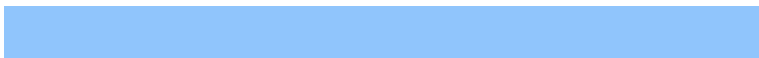
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.6925, 0.3852, 0.3952



52.6925, 0.2678, 0.3622



52.6925, 0.2431, 0.2623



52.6925, 0.3569, 0.2978



# Rectangle

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



52.6925, 0.3852, 0.3952



52.6925, 0.3224, 0.4034



52.6925, 0.2431, 0.2623



52.6925, 0.2982, 0.2663

# Sweetspot

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



52.6950, 0.3852, 0.3952



91.4278, 0.3320, 0.3484



34.2282, 0.3750, 0.2908



19.3785, 0.3343, 0.3506



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.



52.6950, 0.3852, 0.3952



69.7388, 0.4039, 0.4091



65.6497, 0.3627, 0.4303



14.4432, 0.3276, 0.3440



20.4430, 0.4990, 0.4420



1.4848, 0.4827, 0.4549



# Inverse Universe

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



36.1948, 0.2462, 0.2518



43.2962, 0.2309, 0.2313



27.4973, 0.2486, 0.2106



13.3721, 0.2981, 0.3135



6.4498, 0.1652, 0.1147

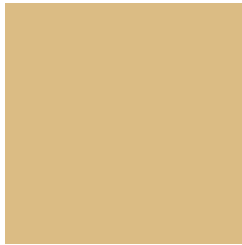


0.5773, 0.1744, 0.1477



# Previews

## White Background



This preview shows how the Yxy color 52.6925, 0.3852, 0.3952 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

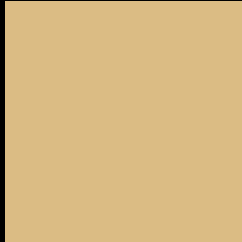
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.6925, 0.3852, 0.3952 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 52.6925, 0.3852, 0.3952**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.6925, 0.3852, 0.3952.



This preview shows how white text looks on a background with the Yxy color 52.6925, 0.3852, 0.3952.

# 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

52.6925, 0.3852, 0.3952

### Protanopia

52.8304, 0.3720, 0.3998

### Deuteranopia

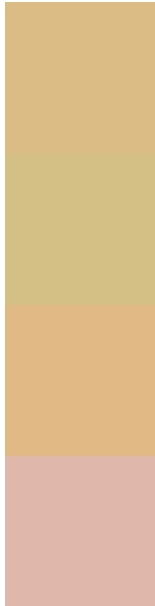
52.6324, 0.3952, 0.3875



## Tritanopia

52.5451, 0.3403, 0.3131

# Trichromacy



## Original Color

52.6925, 0.3852, 0.3952

## Protanomaly

52.9521, 0.3768, 0.3989

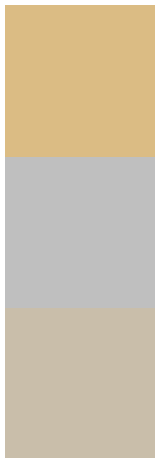
## Deuteranomaly

52.3989, 0.3911, 0.3894

## Tritanomaly

52.4952, 0.3576, 0.3431

# Monochromacy



## Original Color

52.6925, 0.3852, 0.3952

## Achromatopsia

52.0996, 0.3127, 0.3290

## Achromatomaly

52.1467, 0.3376, 0.3538

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.6925, 0.3852, 0.3952 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, 188, 132)` looks like.

```
.text, #text, p{  
    color:rgb(219, 188, 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, 188, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 188, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 52.6925, 0.3852, 0.3952 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, 188, 132) }
```

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

```
.border{ border-color:rgb(219, 188, 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, 188, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 188, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 188, 132);  
box-shadow:4px 4px 4px 4px rgb(219, 188,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.6925, 0.3852, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 188, 132) }
```

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

```
.background{ background-color: rgb(219,  
188, 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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