

# Converting Colors

Yxy(53.5298, 0.3639, 0.3629)

Have a look what the booklet for  
Yxy(53.5298, 0.3639, 0.3629)  
contains.

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# Color

**Yxy(53.6853, 0.3638, 0.3633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCBC9F
RGB	220, 188, 159
RGB Percent	86%, 74%, 62%
CMY	0.1372, 0.2627, 0.3765
CMYK	0.00, 0.15, 0.28, 0.14
HSL	29°, 47%, 74%
HSV	29°, 28%, 86%
XYZ	53.7592, 53.6853, 40.3268
YIQ	194.2620, 28.3810, -2.2350

# Conversions

## Conversions Part 2

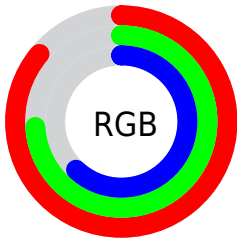
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 214, 159
Decimal	14466207
CIE Lab	78.28, 7.13, 18.92
CIE LCh	78, 20.218, 69.353
Yxy	53.6853, 0.3638, 0.3633
Android (android.graphics.Color)	4292656287 (0xFFDCBC9F)
YUV	194.2620, -17.3842, 22.5722
Hunter-Lab	73.2703, 2.7445, 18.6569

# Details

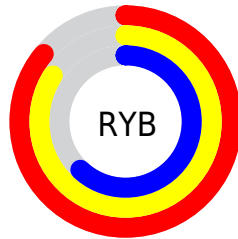
The Yxy color **53.6853, 0.3638, 0.3633** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.8039, 0.2688, 0.2920**, and the grayscale version is **54.2062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8164, 0.3386, 0.3587**, and **26.2820, 0.3778, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **48.2544, 0.3871, 0.3762**, and if you desaturate by 10%, it is **59.6515, 0.3432, 0.3505**.

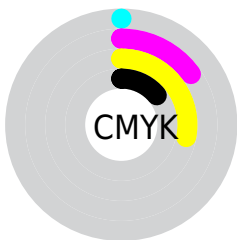
# Distribution



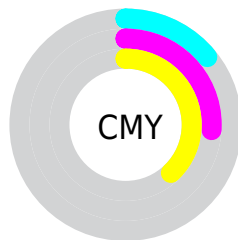
- Red (86%)
- Green (74%)
- Blue (62%)



- Red (86%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (14%)




- Cyan (14%)
- Magenta (26%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6853, 0.3638, 0.3633 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 53.6853, 0.3638, 0.3633 by changing the saturation by 10% instead.





 53.6853, 0.3638,  
0.3633

 53.6853, 0.3638,  
0.3633


400.9088, 0.3388,  
0.3470

 38.3501, 0.3699,  
0.3671


 95.6120, 0.3548,  
0.3576

 26.2545, 0.3775,  
0.3718


 122.9724, 0.3514,  
0.3554

 17.0142, 0.3876,  
0.3778


155.1099, 0.3485,  
0.3535

 10.2446, 0.4011,  
0.3857

192.4089, 0.3460,  
0.3518

 5.5614, 0.4203,  
0.3961

235.2540, 0.3439,  
0.3504

 2.5803, 0.4494,  
0.4105

284.0294, 0.3420,

 0.9168, 0.5367,

0.3491

0.4633

339.1195, 0.3403,  
0.3480

0.0000, 0.0000,  
0.0000

53.6853, 0.3638,  
0.3633

53.6853, 0.3638,  
0.3633

48.2544, 0.3871,  
0.3762

59.6515, 0.3432,  
0.3505

43.3351, 0.4129,  
0.3885

66.1613, 0.3251,  
0.3381

38.9125, 0.4407,  
0.3993

73.2319, 0.3093,  
0.3264

34.9679, 0.4694,  
0.4073

80.8774, 0.2957,  
0.3156

31.4810, 0.4977,  
0.4113

88.1767, 0.2914,  
0.3195

■ 28.4295, 0.5234,  
0.4101

■ 93.9579, 0.2917,  
0.3289

■ 25.7860, 0.5450,  
0.4036

■ 25.2367, 0.5497,  
0.4017

# Harmonies

## Analogous

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



53.6853, 0.3651, 0.3430



53.6853, 0.3638, 0.3633



53.6853, 0.3484, 0.3756

# Triad

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



53.6853, 0.3638, 0.3633



53.6853, 0.2748, 0.3363



53.6853, 0.3000, 0.2876

# Complementary

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



53.6853, 0.3638, 0.3633



49.8039, 0.2688, 0.2920

# 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.



53.6853, 0.2770, 0.2845



53.6853, 0.3638, 0.3633



53.6853, 0.2630, 0.3113

# Square

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



53.6853, 0.3638, 0.3633



53.6853, 0.2968, 0.3603



53.6853, 0.2638, 0.2927



53.6853, 0.3274, 0.3005



# Rectangle

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



53.6853, 0.3638, 0.3633



53.6853, 0.3325, 0.3767



53.6853, 0.2638, 0.2927



53.6853, 0.2915, 0.2854

# Sweetspot

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



53.6878, 0.3638, 0.3633



92.1154, 0.3256, 0.3385



43.7978, 0.3413, 0.2910



19.4114, 0.3282, 0.3403



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.



53.6878, 0.3638, 0.3633



70.7091, 0.3764, 0.3705



67.8537, 0.3550, 0.3959



14.0674, 0.3280, 0.3401



15.0290, 0.5472, 0.4037



1.1454, 0.5210, 0.4245

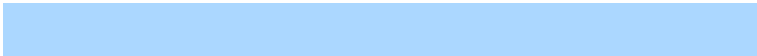


# Inverse Universe

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



49.8039, 0.2688, 0.2920



64.4614, 0.2598, 0.2833



38.0384, 0.2648, 0.2520



13.7421, 0.2982, 0.3176



10.5103, 0.1797, 0.1668



0.8531, 0.1876, 0.1953



# Previews

## White Background



This preview shows how the Yxy color 53.6853, 0.3638, 0.3633 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 53.6853, 0.3638, 0.3633 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

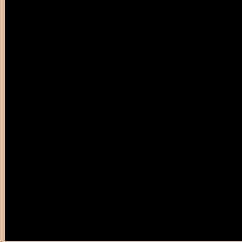
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.6853, 0.3638, 0.3633**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.6853, 0.3638, 0.3633.



This preview shows how white text looks on a background with the Yxy color 53.6853, 0.3638, 0.3633.

# 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

53.6853, 0.3638, 0.3633

### Protanopia

53.7277, 0.3468, 0.3671

### Deuteranopia

53.4683, 0.3680, 0.3606



## Tritanopia

53.7455, 0.3365, 0.3131

# Trichromacy



## Original Color

53.6853, 0.3638, 0.3633

## Protanomaly

53.5365, 0.3525, 0.3654

## Deuteranomaly

53.7318, 0.3667, 0.3618

## Tritanomaly

53.8048, 0.3470, 0.3314

# Monochromacy



## Original Color

53.6853, 0.3638, 0.3633

## Achromatopsia

53.9479, 0.3127, 0.3290

## Achromatomaly

53.7320, 0.3303, 0.3424

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.6853, 0.3638, 0.3633 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(220, 188, 159)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 159)  
}
```

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(220, 188, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 159) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6853, 0.3638, 0.3633 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(220, 188, 159) }
```

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

```
.border{ border-color:rgb(220, 188, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 159);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
159) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6853, 0.3638, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 159) }
```

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

```
.background{ background-color: rgb(220,  
188, 159) }
```

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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