

# Converting Colors

Yxy(52.9064, 0.3690, 0.3621)

Have a look what the booklet for  
Yxy(52.9064, 0.3690, 0.3621)  
contains.

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# Color

**Yxy(52.8202, 0.3691, 0.3619)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFB99D
RGB	223, 185, 157
RGB Percent	87%, 73%, 62%
CMY	0.1254, 0.2745, 0.3842
CMYK	0.00, 0.17, 0.30, 0.13
HSL	25°, 51%, 75%
HSV	25°, 30%, 87%
XYZ	53.8711, 52.8202, 39.2612
YIQ	193.1700, 31.6360, -0.6520

# Conversions

## Conversions Part 2

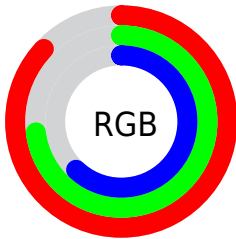
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 206, 157
Decimal	14662045
CIE Lab	77.77, 9.61, 19.32
CIE LCh	78, 21.576, 63.550
Yxy	52.8202, 0.3691, 0.3619
Android (android.graphics.Color)	4292852125 (0xFFDFB99D)
YUV	193.1700, -17.8318, 26.1609
Hunter-Lab	72.6775, 5.1247, 18.8451

# Details

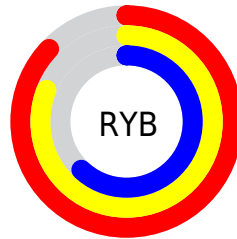
The Yxy color  $52.8202, 0.3691, 0.3619$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $51.5448, 0.2662, 0.2935$ , and the grayscale version is  $53.5292, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $88.9241, 0.3404, 0.3578$ , and  $25.7586, 0.3841, 0.3693$  is the 20% darker color. If you saturate the color by 10%, you get  $46.9946, 0.3939, 0.3734$ , and if you desaturate by 10%, it is  $59.2755, 0.3473, 0.3503$ .

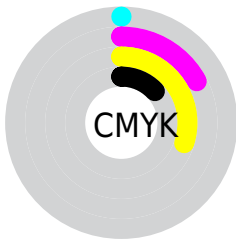
# Distribution



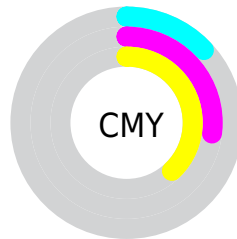
- Red (87%)
- Green (73%)
- Blue (62%)



- Red (87%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8202, 0.3691, 0.3619 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 52.8202, 0.3691, 0.3619 by changing the saturation by 10% instead.





 52.8202, 0.3691,  
0.3619

 52.8202, 0.3691,  
0.3619


397.5949, 0.3413,  
0.3464

 37.6593, 0.3759,  
0.3655


 94.3397, 0.3591,  
0.3565

 25.7183, 0.3844,  
0.3699


 121.4671, 0.3554,  
0.3544

 16.6130, 0.3956,  
0.3754


153.3521, 0.3521,  
0.3526

 9.9590, 0.4108,  
0.3826

190.3791, 0.3494,  
0.3510

 5.3718, 0.4324,  
0.3919

232.9325, 0.3470,  
0.3496

 2.4670, 0.4658,  
0.4045

281.3966, 0.3449,

 0.8600, 0.5544,

0.3484

0.4456

336.1560, 0.3430,  
0.3473

0.0000, 0.0000,  
0.0000

52.8202, 0.3691,  
0.3619

52.8202, 0.3691,  
0.3619

46.9946, 0.3939,  
0.3734

59.2755, 0.3473,  
0.3503

41.7708, 0.4217,  
0.3843

66.3724, 0.3284,  
0.3391

37.1299, 0.4517,  
0.3934

74.1317, 0.3121,  
0.3286

33.0485, 0.4830,  
0.3996

82.5712, 0.2981,  
0.3188

29.5015, 0.5135,  
0.4015

90.8055, 0.2933,  
0.3231

■ 26.4610, 0.5410,  
0.3983

■ 94.4307, 0.2935,  
0.3289

■ 23.8898, 0.5640,  
0.3901

■ 23.7941, 0.5649,  
0.3897

# Harmonies

## Analogous

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



52.8202, 0.3674, 0.3392



52.8202, 0.3691, 0.3619



52.8202, 0.3551, 0.3773

# Triad

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



52.8202, 0.3691, 0.3619



52.8202, 0.2760, 0.3422



52.8202, 0.2937, 0.2832

# Complementary

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



52.8202, 0.3691, 0.3619



51.5448, 0.2662, 0.2935

# 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.



52.8202, 0.2708, 0.2821



52.8202, 0.3691, 0.3619



52.8202, 0.2610, 0.3147

# Square

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



52.8202, 0.3691, 0.3619



52.8202, 0.3010, 0.3668



52.8202, 0.2592, 0.2931



52.8202, 0.3227, 0.2951



# Rectangle

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



52.8202, 0.3691, 0.3619



52.8202, 0.3391, 0.3807



52.8202, 0.2592, 0.2931



52.8202, 0.2851, 0.2815

# Sweetspot

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



52.8226, 0.3691, 0.3619



90.4623, 0.3275, 0.3386



43.7739, 0.3407, 0.2846



19.0476, 0.3301, 0.3402



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.



52.8226, 0.3691, 0.3619



66.2085, 0.3853, 0.3696



68.0182, 0.3589, 0.3971



14.6510, 0.3281, 0.3390



14.2016, 0.5623, 0.3918



1.1590, 0.5350, 0.4134

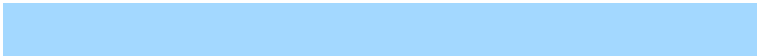


# Inverse Universe

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



51.5448, 0.2662, 0.2935



64.1809, 0.2557, 0.2841



38.5216, 0.2615, 0.2503



14.5479, 0.2981, 0.3188



12.5091, 0.1846, 0.1844



1.0434, 0.1914, 0.2089



# Previews

## White Background



This preview shows how the Yxy color 52.8202, 0.3691, 0.3619 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

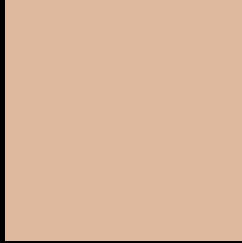
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.8202, 0.3691, 0.3619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

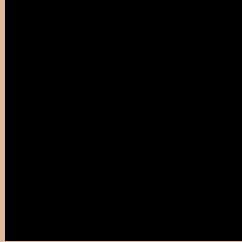
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.8202, 0.3691, 0.3619**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.8202, 0.3691, 0.3619.



This preview shows how white text looks on a background with the Yxy color 52.8202, 0.3691, 0.3619.

# 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

52.8202, 0.3691, 0.3619

### Protanopia

52.9338, 0.3469, 0.3686

### Deuteranopia

52.8202, 0.3691, 0.3619



## Tritanopia

52.8685, 0.3420, 0.3132

# Trichromacy



**Original Color**

52.8202, 0.3691, 0.3619

**Protanomaly**

52.6000, 0.3547, 0.3655

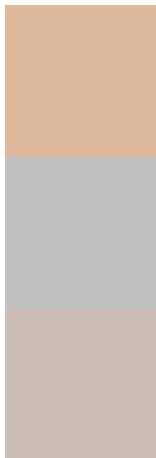
**Deuteranomaly**

52.8202, 0.3691, 0.3619

**Tritanomaly**

52.9608, 0.3519, 0.3303

# Monochromacy



**Original Color**

52.8202, 0.3691, 0.3619

**Achromatopsia**

53.3276, 0.3127, 0.3290

**Achromatomaly**

52.9596, 0.3322, 0.3412

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.8202, 0.3691, 0.3619 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(223, 185, 157)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 157)  
}
```

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(223, 185, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 157) }
```

## Border

The CSS property to change the border of an element to Yxy 52.8202, 0.3691, 0.3619 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(223, 185, 157) }
```

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

```
.border{ border-color:rgb(223, 185, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 157);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
157) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.8202, 0.3691, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 157) }
```

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

```
.background{ background-color: rgb(223,  
185, 157) }
```

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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