

# Converting Colors

Yxy(51.5868, 0.3619, 0.3589)

Have a look what the booklet for  
Yxy(51.5868, 0.3619, 0.3589)  
contains.

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# Color

**Yxy(51.5359, 0.3623, 0.3590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9B89F
RGB	217, 184, 159
RGB Percent	85%, 72%, 62%
CMY	0.1491, 0.2784, 0.3765
CMYK	0.00, 0.15, 0.27, 0.15
HSL	26°, 43%, 74%
HSV	26°, 27%, 85%
XYZ	52.0096, 51.5359, 40.0085
YIQ	191.0170, 27.6930, -0.7790

# Conversions

## Conversions Part 2

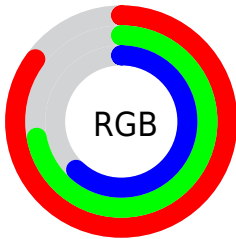
Format	Color
R <sub>Y</sub> B	217, 203, 159
Decimal	14268575
CIE Lab	77.00, 8.09, 17.10
CIE LCh	77, 18.917, 64.677
Yxy	51.5359, 0.3623, 0.3590
Android (android.graphics.Color)	4292458655 (0xFFD9B89F)
YUV	191.0170, -15.7844, 22.7871
Hunter-Lab	71.7885, 3.6905, 17.2090

# Details

The Yxy color **51.5359, 0.3623, 0.3590** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.0674, 0.2708, 0.2969**, and the grayscale version is **52.1923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4352, 0.3392, 0.3549**, and **24.8924, 0.3750, 0.3657** is the 20% darker color. If you saturate the color by 10%, you get **45.9447, 0.3861, 0.3708**, and if you desaturate by 10%, it is **57.7112, 0.3415, 0.3473**.

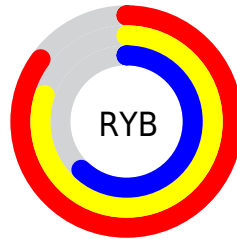
# Distribution



Red (85%)

Green (72%)

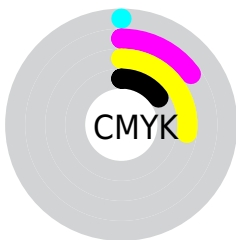
Blue (62%)



Red (85%)

Yellow (80%)

Blue (62%)

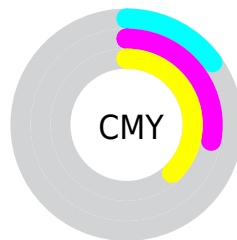


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (15%)



Cyan (15%)

Magenta (28%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5359, 0.3623, 0.3590 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 51.5359, 0.3623, 0.3590 by changing the saturation by 10% instead.





 51.5359, 0.3623,  
0.3590


 51.5359, 0.3623,  
0.3590


392.6423, 0.3378,  
0.3447

 36.6353, 0.3683,  
0.3624


 92.4464, 0.3535,  
0.3540

 24.9252, 0.3759,  
0.3665


 119.2251, 0.3501,  
0.3520

 16.0214, 0.3860,  
0.3718


150.7320, 0.3473,  
0.3504

 9.5393, 0.3997,  
0.3788

187.3514, 0.3449,  
0.3489

 5.0946, 0.4194,  
0.3881

229.4677, 0.3427,  
0.3477

 2.3029, 0.4501,  
0.4011

277.4654, 0.3409,

 0.7752, 0.5474,

0.3465

0.4526

331.7288, 0.3393,  
0.3456

0.0000, 0.0000,  
0.0000

51.5359, 0.3623,  
0.3590

51.5359, 0.3623,  
0.3590

45.9447, 0.3861,  
0.3708

57.7112, 0.3415,  
0.3473

40.9123, 0.4127,  
0.3821

64.4808, 0.3234,  
0.3361

36.4217, 0.4419,  
0.3920

71.8638, 0.3079,  
0.3256

32.4521, 0.4726,  
0.3994

79.8759, 0.2945,  
0.3159

28.9811, 0.5031,  
0.4029

87.7013, 0.2896,  
0.3194

■ 25.9842, 0.5314,  
0.4014

■ 93.4887, 0.2900,  
0.3289

■ 23.4329, 0.5552,  
0.3945

■ 22.6822, 0.5624,  
0.3916

# Harmonies

## Analogous

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



51.5359, 0.3612, 0.3390



51.5359, 0.3623, 0.3590



51.5359, 0.3496, 0.3721

# Triad

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



51.5359, 0.3623, 0.3590



51.5359, 0.2795, 0.3398



51.5359, 0.2969, 0.2885

# Complementary

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



51.5359, 0.3623, 0.3590



50.0674, 0.2708, 0.2969

# 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.



51.5359, 0.2762, 0.2872



51.5359, 0.3623, 0.3590



51.5359, 0.2665, 0.3157

# Square

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



51.5359, 0.3623, 0.3590



51.5359, 0.3015, 0.3615



51.5359, 0.2653, 0.2968



51.5359, 0.3226, 0.2994



# Rectangle

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



51.5359, 0.3623, 0.3590



51.5359, 0.3353, 0.3745



51.5359, 0.2653, 0.2968



51.5359, 0.2891, 0.2869

# Sweetspot

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



51.5383, 0.3623, 0.3590



91.5756, 0.3257, 0.3376



43.3890, 0.3373, 0.2891



19.2757, 0.3283, 0.3393



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.



51.5383, 0.3623, 0.3590



69.6966, 0.3752, 0.3656



64.4137, 0.3542, 0.3903



13.9706, 0.3281, 0.3391



13.9344, 0.5600, 0.3936



1.0718, 0.5315, 0.4162

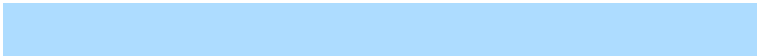


# Inverse Universe

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



50.0674, 0.2708, 0.2969



67.2324, 0.2620, 0.2891



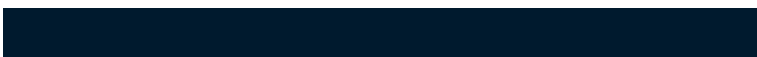
38.8724, 0.2672, 0.2592



13.8400, 0.2982, 0.3187



11.8815, 0.1839, 0.1820



0.9397, 0.1912, 0.2082



# Previews

## White Background



This preview shows how the Yxy color 51.5359, 0.3623, 0.3590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

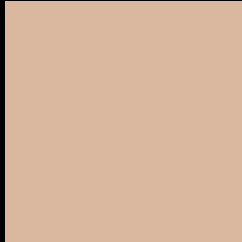
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 51.5359, 0.3623, 0.3590 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 51.5359, 0.3623, 0.3590**

## **Background**



This preview shows how black text looks on a background with the Yxy color 51.5359, 0.3623, 0.3590.



This preview shows how white text looks on a background with the Yxy color 51.5359, 0.3623, 0.3590.

# 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

51.5359, 0.3623, 0.3590

### Protanopia

51.7149, 0.3432, 0.3640

### Deuteranopia

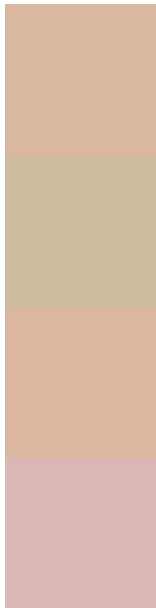
51.5858, 0.3653, 0.3576



## Tritanopia

51.4626, 0.3378, 0.3129

# Trichromacy



**Original Color**

51.5359, 0.3623, 0.3590

**Protanomaly**

51.6615, 0.3497, 0.3623

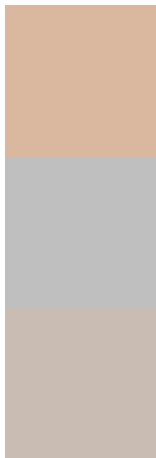
**Deuteranomaly**

51.4302, 0.3644, 0.3576

**Tritanomaly**

51.5996, 0.3468, 0.3291

# Monochromacy



**Original Color**

51.5359, 0.3623, 0.3590

**Achromatopsia**

52.0996, 0.3127, 0.3290

**Achromatomaly**

51.5005, 0.3299, 0.3402

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 51.5359, 0.3623, 0.3590 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(217, 184, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 184, 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(217, 184, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 184, 159) }
```

## Border

The CSS property to change the border of an element to Yxy 51.5359, 0.3623, 0.3590 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(217, 184, 159) }
```

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

```
.border{ border-color:rgb(217, 184, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 184, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 184, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 184, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 184,  
159) }
```



# Background

The CSS property to change the background color of an element to Yxy 51.5359, 0.3623, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 184, 159) }
```

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

```
.background{ background-color: rgb(217,  
184, 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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