

# Converting Colors

Yxy(60.0597, 0.3333, 0.3576)

Have a look what the booklet for  
Yxy(60.0597, 0.3333, 0.3576)  
contains.

<b>Yxy(59.8909, 0.3333, 0.3575)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(59.8909, 0.3333, 0.3575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0CCB4
RGB	208, 204, 180
RGB Percent	82%, 80%, 71%
CMY	0.1844, 0.1999, 0.2941
CMYK	0.00, 0.02, 0.13, 0.18
HSL	52°, 23%, 76%
HSV	52°, 13%, 82%
XYZ	55.8367, 59.8909, 51.7993
YIQ	202.4600, 10.0880, -6.6160

# Conversions

## Conversions Part 2

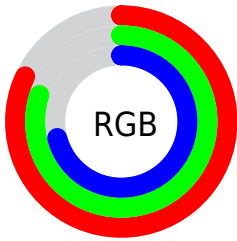
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 208, 180
Decimal	13683892
CIELab	81.78, -2.70, 12.45
CIElCh	82, 12.744, 102.239
Yxy	59.8909, 0.3333, 0.3575
Android (android.graphics.Color)	4291873972 (0xFFD0CCB4)
YUV	202.4600, -11.0728, 4.8586
Hunter-Lab	77.3892, -6.6424, 14.4875

# Details

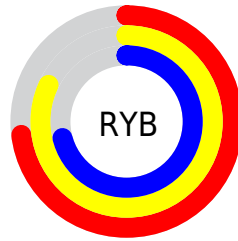
The Yxy color **59.8909, 0.3333, 0.3575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5197, 0.2915, 0.2988**, and the grayscale version is **59.4297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **30.1173, 0.3382, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **57.7243, 0.3496, 0.3794**, and if you desaturate by 10%, it is **62.2163, 0.3178, 0.3361**.

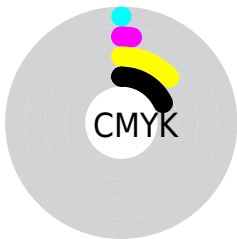
# Distribution



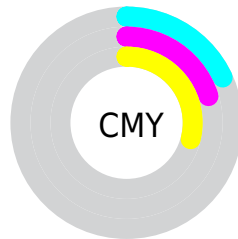
- Red (82%)
- Green (80%)
- Blue (71%)



- Red (73%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (18%)




- Cyan (18%)
- Magenta (20%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8909, 0.3333, 0.3575 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 59.8909, 0.3333, 0.3575 by changing the saturation by 10% instead.





 59.8909, 0.3333,  
0.3575

 59.8909, 0.3333,  
0.3575

424.1955, 0.3235,  
0.3438

 43.3307, 0.3356,  
0.3608


 104.6714, 0.3298,  
0.3526

 30.1447, 0.3385,  
0.3649


133.6605, 0.3285,  
0.3508

 19.9484, 0.3422,  
0.3703


167.5613, 0.3274,  
0.3492

 12.3576, 0.3472,  
0.3775

206.7583, 0.3264,  
0.3478

 6.9877, 0.3542,  
0.3877

251.6358, 0.3255,  
0.3466

 3.4544, 0.3645,  
0.4032

302.5782, 0.3248,

 1.3733, 0.3880,

0.3455

359.9700, 0.3241,  
0.3446

0.4372

0.1969, 0.3810,  
0.6190

0.0000, 0.0000,  
0.0000

59.8909, 0.3333,  
0.3575

59.8909, 0.3333,  
0.3575

57.7243, 0.3496,  
0.3794

62.2163, 0.3178,  
0.3361

55.7028, 0.3663,  
0.4013

64.6981, 0.3034,  
0.3158

53.8228, 0.3829,  
0.4222

67.3440, 0.2900,  
0.2966

52.0777, 0.3989,  
0.4414

69.6200, 0.2826,  
0.2870

■ 50.4599, 0.4135,  
0.4578

■ 71.1374, 0.2827,  
0.2902

■ 48.9613, 0.4261,  
0.4705

■ 72.6820, 0.2829,  
0.2934

■ 47.5723, 0.4361,  
0.4789

■ 74.2537, 0.2831,  
0.2966

■ 46.2813, 0.4433,  
0.4827

■ 75.8528, 0.2833,  
0.2998

■ 45.4753, 0.4469,  
0.4834

■ 77.4793, 0.2835,  
0.3030

# Harmonies

## Analogous

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



59.8909, 0.3431, 0.3512



59.8909, 0.3333, 0.3575



59.8909, 0.3181, 0.3559

# Triad

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



59.8909, 0.3333, 0.3575



59.8909, 0.2818, 0.3173



59.8909, 0.3233, 0.3124

# Complementary

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



59.8909, 0.3333, 0.3575



48.5197, 0.2915, 0.2988

# 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.



59.8909, 0.3067, 0.3038



59.8909, 0.3333, 0.3575



59.8909, 0.2831, 0.3062

# Square

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



59.8909, 0.3333, 0.3575



59.8909, 0.2885, 0.3321



59.8909, 0.2921, 0.3015



59.8909, 0.3374, 0.3252



# Rectangle

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



59.8909, 0.3333, 0.3575



59.8909, 0.3070, 0.3504



59.8909, 0.2921, 0.3015



59.8909, 0.3179, 0.3089

# Sweetspot

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



59.8935, 0.3333, 0.3575



98.4440, 0.3187, 0.3374



49.5190, 0.3337, 0.3240



21.0094, 0.3199, 0.3390



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.



59.8935, 0.3333, 0.3575



94.0213, 0.3377, 0.3635



60.4214, 0.3250, 0.3628



13.5008, 0.3269, 0.3488



28.4605, 0.4464, 0.4837



1.6714, 0.4407, 0.4883



# Inverse Universe

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



48.5197, 0.2915, 0.2988



72.7149, 0.2868, 0.2920



48.1176, 0.2992, 0.2945



11.6834, 0.2982, 0.3084



3.4828, 0.1533, 0.0720

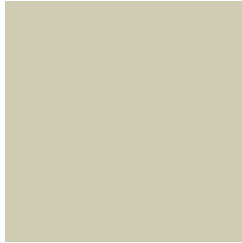


0.2839, 0.1610, 0.0995



# Previews

## White Background



This preview shows how the Yxy color 59.8909, 0.3333, 0.3575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

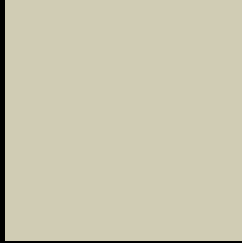
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.8909, 0.3333, 0.3575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

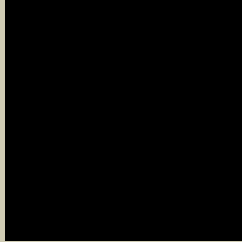
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

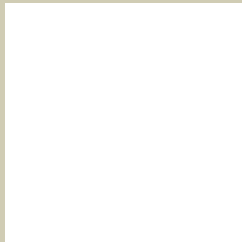
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.8909, 0.3333, 0.3575**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.8909, 0.3333, 0.3575.



This preview shows how white text looks on a background with the Yxy color 59.8909, 0.3333, 0.3575.

# 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

59.8909, 0.3333, 0.3575

### Protanopia

59.9636, 0.3375, 0.3573

### Deuteranopia

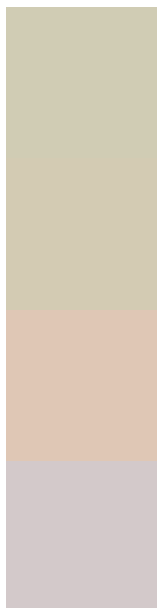
59.8462, 0.3522, 0.3448



## Tritanopia

59.8993, 0.3120, 0.3108

# Trichromacy



## Original Color

59.8909, 0.3333, 0.3575

## Protanomaly

59.8154, 0.3367, 0.3573

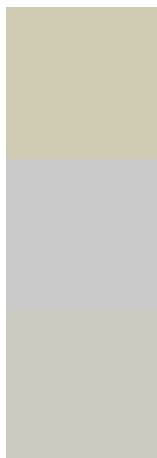
## Deuteranomaly

59.8710, 0.3457, 0.3497

## Tritanomaly

59.8864, 0.3198, 0.3279

# Monochromacy



## Original Color

59.8909, 0.3333, 0.3575

## Achromatopsia

59.0619, 0.3127, 0.3290

## Achromatomaly

59.4443, 0.3200, 0.3397

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.8909, 0.3333, 0.3575 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(208, 204, 180)` looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 180)  
}
```

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(208, 204, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 59.8909, 0.3333, 0.3575 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(208, 204, 180) }
```

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

```
.border{ border-color:rgb(208, 204, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 180);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
180) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.8909, 0.3333, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 180) }
```

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

```
.background{ background-color: rgb(208,  
204, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor