

# Converting Colors

Yxy(59.2877, 0.3446, 0.3683)

Have a look what the booklet for  
Yxy(59.2877, 0.3446, 0.3683)  
contains.

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# Color

**Yxy(59.1027, 0.3453, 0.3681)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4CAA9
RGB	212, 202, 169
RGB Percent	83%, 79%, 66%
CMY	0.1685, 0.2079, 0.3373
CMYK	0.00, 0.05, 0.20, 0.17
HSL	46°, 33%, 75%
HSV	46°, 20%, 83%
XYZ	55.4419, 59.1027, 46.0169
YIQ	201.2280, 16.5530, -8.1430

# Conversions

## Conversions Part 2

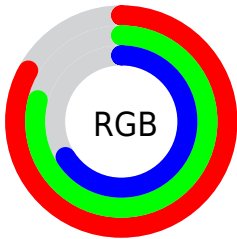
Format	Color
<a href="#">RYB</a>	<a href="#">182, 212, 169</a>
Decimal	<a href="#">13945513</a>
CIELab	<a href="#">81.35, -1.83, 17.75</a>
CIELCh	<a href="#">81, 17.847, 95.899</a>
Yxy	<a href="#">59.1027, 0.3453, 0.3681</a>
Android (android.graphics.Color)	<a href="#">4292135593 (0xFFD4CAA9)</a>
YUV	<a href="#">201.2280, -15.8884, 9.4470</a>
Hunter-Lab	<a href="#">76.8783, -5.8091, 18.3257</a>

# Details

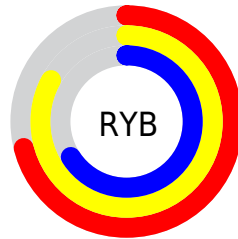
The Yxy color **59.1027, 0.3453, 0.3681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.4472, 0.2799, 0.2866**, and the grayscale version is **58.6544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **29.6323, 0.3533, 0.3778** is the 20% darker color. If you saturate the color by 10%, you get **56.0864, 0.3630, 0.3880**, and if you desaturate by 10%, it is **62.3279, 0.3286, 0.3485**.

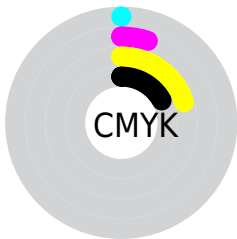
# Distribution



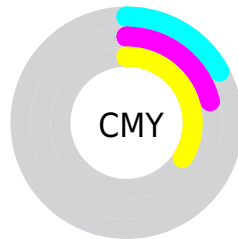
- Red (83%)
- Green (79%)
- Blue (66%)



- Red (71%)
- Yellow (83%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (17%)




- Cyan (17%)
- Magenta (21%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1027, 0.3453, 0.3681 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 59.1027, 0.3453, 0.3681 by changing the saturation by 10% instead.




 59.1027, 0.3453,  
0.3681

 59.1027, 0.3453,  
0.3681

421.2824, 0.3297,  
0.3493

 42.6958, 0.3490,  
0.3726

 103.5269, 0.3398,  
0.3614

 29.6465, 0.3536,  
0.3782


132.3130, 0.3377,  
0.3589

 19.5704, 0.3594,  
0.3854


165.9943, 0.3359,  
0.3567

 12.0832, 0.3673,  
0.3951

204.9552, 0.3343,  
0.3548

 6.8004, 0.3781,  
0.4087

249.5800, 0.3330,  
0.3532

 3.3376, 0.3938,  
0.4288

300.2533, 0.3318,

 1.3104, 0.4526,

0.3517

0.4991

357.3592, 0.3307,  
0.3504

0.1492, 0.3941,  
0.6059

0.0000, 0.0000,  
0.0000

59.1027, 0.3453,  
0.3681

59.1027, 0.3453,  
0.3681

56.0864, 0.3630,  
0.3880

62.3279, 0.3286,  
0.3485

53.2643, 0.3813,  
0.4076

65.7607, 0.3132,  
0.3296

50.6315, 0.3998,  
0.4258

69.4098, 0.2990,  
0.3117

48.1801, 0.4176,  
0.4419

73.2809, 0.2862,  
0.2950

45.9009, 0.4341,  
0.4546

76.0228, 0.2858,  
0.2992

43.7840, 0.4483,  
0.4631

78.7661, 0.2860,  
0.3045

41.8174, 0.4596,  
0.4668

81.5879, 0.2863,  
0.3098

40.0340, 0.4682,  
0.4665

84.4887, 0.2865,  
0.3150

87.4693, 0.2868,  
0.3202

# Harmonies

## Analogous

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



59.1027, 0.3571, 0.3568



59.1027, 0.3453, 0.3681



59.1027, 0.3249, 0.3687

# Triad

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



59.1027, 0.3453, 0.3681



59.1027, 0.2707, 0.3164



59.1027, 0.3226, 0.3028

# Complementary

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



59.1027, 0.3453, 0.3681



45.4472, 0.2799, 0.2866

# 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.



59.1027, 0.2994, 0.2925



59.1027, 0.3453, 0.3681



59.1027, 0.2700, 0.2995

# Square

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



59.1027, 0.3453, 0.3681



59.1027, 0.2821, 0.3379



59.1027, 0.2803, 0.2911



59.1027, 0.3439, 0.3195



# Rectangle

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



59.1027, 0.3453, 0.3681



59.1027, 0.3094, 0.3624



59.1027, 0.2803, 0.2911



59.1027, 0.3148, 0.2985

# Sweetspot

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



59.1053, 0.3453, 0.3681



96.7954, 0.3219, 0.3403



45.6616, 0.3431, 0.3161



20.6451, 0.3229, 0.3416



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.



59.1053, 0.3453, 0.3681



87.8859, 0.3522, 0.3760



62.4297, 0.3346, 0.3807



14.0055, 0.3272, 0.3468



24.8632, 0.4673, 0.4671



1.6217, 0.4574, 0.4751



# Inverse Universe

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



45.4472, 0.2799, 0.2866



63.8179, 0.2728, 0.2772



42.8023, 0.2877, 0.2746



12.4746, 0.2982, 0.3106



4.4447, 0.1574, 0.0864

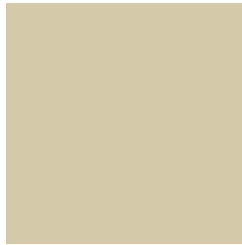


0.3967, 0.1666, 0.1196



# Previews

## White Background



This preview shows how the Yxy color 59.1027, 0.3453, 0.3681 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 59.1027, 0.3453, 0.3681 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

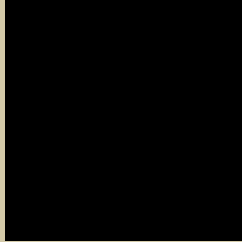
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

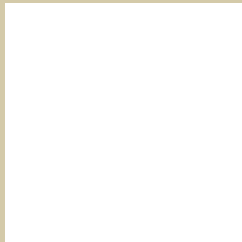
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.1027, 0.3453, 0.3681**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.1027, 0.3453, 0.3681.



This preview shows how white text looks on a background with the Yxy color 59.1027, 0.3453, 0.3681.

# 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

59.1027, 0.3453, 0.3681

### Protanopia

59.2518, 0.3461, 0.3680

### Deuteranopia

58.8475, 0.3634, 0.3549



## Tritanopia

59.0884, 0.3190, 0.3121

# Trichromacy



## Original Color

59.1027, 0.3453, 0.3681

## Protanomaly

59.2518, 0.3461, 0.3680

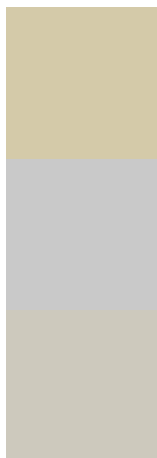
## Deuteranomaly

58.8423, 0.3566, 0.3600

## Tritanomaly

58.9726, 0.3286, 0.3314

# Monochromacy



## Original Color

59.1027, 0.3453, 0.3681

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

58.4265, 0.3246, 0.3433

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.1027, 0.3453, 0.3681 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(212, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 169)  
}
```

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(212, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 169) }
```

## Border

The CSS property to change the border of an element to Yxy 59.1027, 0.3453, 0.3681 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(212, 202, 169) }
```

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

```
.border{ border-color:rgb(212, 202, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
169) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.1027, 0.3453, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 169) }
```

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

```
.background{ background-color: rgb(212,  
202, 169) }
```

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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