

# Converting Colors

$Yxy(59.2543, 0.3494, 0.3818)$

Have a look what the booklet for  
Yxy(59.2543, 0.3494, 0.3818)  
contains.

<b>Yxy(59.2791, 0.3491, 0.3816)</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(59.2791, 0.3491, 0.3816)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1CCA0
RGB	209, 204, 160
RGB Percent	82%, 80%, 63%
CMY	0.1804, 0.2000, 0.3726
CMYK	0.00, 0.02, 0.23, 0.18
HSL	54°, 35%, 72%
HSV	54°, 23%, 82%
XYZ	54.2304, 59.2791, 41.8340
YIQ	200.4790, 17.1040, -12.6240

# Conversions

## Conversions Part 2

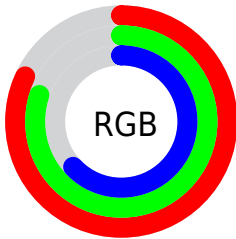
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 209, 160
Decimal	13749408
CIELab	81.44, -5.32, 22.61
CIELCh	81, 23.229, 103.231
Yxy	59.2791, 0.3491, 0.3816
Android (android.graphics.Color)	4291939488 (0xFFD1CCA0)
YUV	200.4790, -19.9561, 7.4729
Hunter-Lab	76.9929, -9.0100, 21.6799

# Details

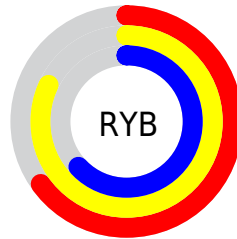
The Yxy color **59.2791, 0.3491, 0.3816** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9761, 0.2736, 0.2703**, and the grayscale version is **58.1876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **29.7654, 0.3582, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **57.6065, 0.3653, 0.4043**, and if you desaturate by 10%, it is **61.0938, 0.3331, 0.3588**.

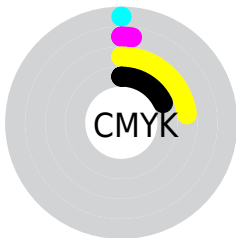
# Distribution



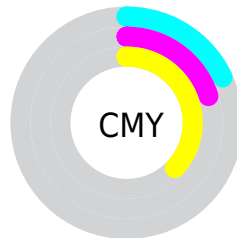
- Red (82%)
- Green (80%)
- Blue (63%)



- Red (65%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (18%)




- Cyan (18%)
- Magenta (20%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2791, 0.3491, 0.3816 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 59.2791, 0.3491, 0.3816 by changing the saturation by 10% instead.





 59.2791, 0.3491,  
0.3816

 59.2791, 0.3491,  
0.3816


421.9354, 0.3319,  
0.3562

 42.8378, 0.3531,  
0.3877

 103.7832, 0.3431,  
0.3726

 29.7579, 0.3580,  
0.3953


 132.6148, 0.3407,  
0.3691

 19.6549, 0.3643,  
0.4051


166.3453, 0.3387,  
0.3662

 12.1444, 0.3725,  
0.4182

205.3592, 0.3370,  
0.3636

 6.8421, 0.3834,  
0.4365

250.0407, 0.3355,  
0.3614

 3.3636, 0.3983,  
0.4633

300.7743, 0.3341,

 1.3244, 0.4530,

0.3594

0.5470

357.9444, 0.3329,  
0.3577

0.1599, 0.1221,  
0.8779

0.0000, 0.0000,  
0.0000

59.2791, 0.3491,  
0.3816

59.2791, 0.3491,  
0.3816

57.6065, 0.3653,  
0.4043

61.0938, 0.3331,  
0.3588

56.0618, 0.3812,  
0.4260

63.0484, 0.3178,  
0.3365

54.6409, 0.3963,  
0.4458

65.1509, 0.3034,  
0.3152

53.3364, 0.4097,  
0.4626

67.4065, 0.2900,  
0.2951

■ 52.1402, 0.4211,  
0.4758

■ 69.1940, 0.2832,  
0.2858

■ 51.0425, 0.4298,  
0.4845

■ 70.2820, 0.2833,  
0.2881

■ 50.0318, 0.4358,  
0.4889

■ 71.3841, 0.2834,  
0.2905

■ 49.4039, 0.4386,  
0.4900

■ 72.5004, 0.2835,  
0.2928

■ 73.6310, 0.2837,  
0.2951

# Harmonies

## Analogous

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



59.2791, 0.3681, 0.3693



59.2791, 0.3491, 0.3816



59.2791, 0.3208, 0.3790

# Triad

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



59.2791, 0.3491, 0.3816



59.2791, 0.2570, 0.3059



59.2791, 0.3328, 0.2999

# Complementary

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



59.2791, 0.3491, 0.3816



38.9761, 0.2736, 0.2703

# 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.



59.2791, 0.3023, 0.2845



59.2791, 0.3491, 0.3816



59.2791, 0.2598, 0.2868

# Square

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



59.2791, 0.3491, 0.3816



59.2791, 0.2683, 0.3333



59.2791, 0.2759, 0.2795



59.2791, 0.3587, 0.3225



# Rectangle

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



59.2791, 0.3491, 0.3816



59.2791, 0.3008, 0.3684



59.2791, 0.2759, 0.2795



59.2791, 0.3227, 0.2938

# Sweetspot

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



59.2818, 0.3491, 0.3816



97.7496, 0.3233, 0.3445



41.4336, 0.3553, 0.3220



20.8821, 0.3242, 0.3459



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.



59.2818, 0.3491, 0.3816



91.6749, 0.3570, 0.3927



59.1105, 0.3328, 0.3901



13.5834, 0.3269, 0.3497



30.5462, 0.4382, 0.4902



1.7686, 0.4343, 0.4933



# Inverse Universe

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



38.9761, 0.2736, 0.2703



54.5645, 0.2644, 0.2561



39.2965, 0.2888, 0.2663



11.6085, 0.2982, 0.3074



3.2432, 0.1521, 0.0676

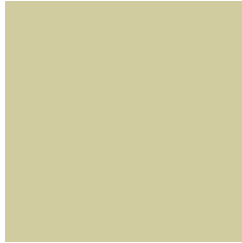


0.2488, 0.1581, 0.0890



# Previews

## White Background



This preview shows how the Yxy color 59.2791, 0.3491, 0.3816 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

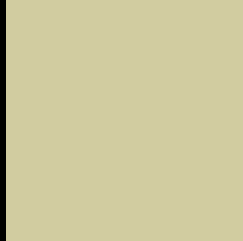
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 59.2791, 0.3491, 0.3816 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

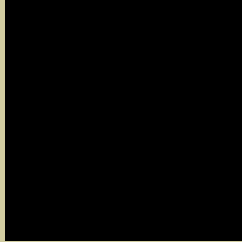
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

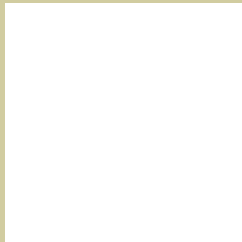
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.2791, 0.3491, 0.3816**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.2791, 0.3491, 0.3816.



This preview shows how white text looks on a background with the Yxy color 59.2791, 0.3491, 0.3816.

# 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

59.2791, 0.3491, 0.3816

### Protanopia

59.1913, 0.3554, 0.3797

### Deuteranopia

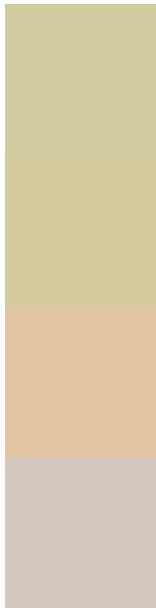
59.0251, 0.3733, 0.3648



## Tritanopia

59.2849, 0.3167, 0.3120

# Trichromacy



## Original Color

59.2791, 0.3491, 0.3816

## Protanomaly

59.3612, 0.3534, 0.3811

## Deuteranomaly

59.1301, 0.3643, 0.3714

## Tritanomaly

59.3049, 0.3282, 0.3372

# Monochromacy



## Original Color

59.2791, 0.3491, 0.3816

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

57.9726, 0.3260, 0.3482

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.2791, 0.3491, 0.3816 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(209, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 160)  
}
```

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(209, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 160) }
```

## Border

The CSS property to change the border of an element to Yxy 59.2791, 0.3491, 0.3816 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(209, 204, 160) }
```

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

```
.border{ border-color:rgb(209, 204, 160) }
```

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

Here you see how a box with a 4 pixel rgb(209, 204, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
160) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.2791, 0.3491, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 160) }
```

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

```
.background{ background-color: rgb(209,  
204, 160) }
```

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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