

# Converting Colors

Yxy(59.7039, 0.3217, 0.3645)

Have a look what the booklet for  
Yxy(59.7039, 0.3217, 0.3645)  
contains.

<b>Yxy(59.7039, 0.3217, 0.3645)</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(59.7039, 0.3217, 0.3645)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1D0B3
RGB	193, 208, 179
RGB Percent	76%, 82%, 70%
CMY	0.2430, 0.1843, 0.2980
CMYK	0.07, 0.00, 0.14, 0.18
HSL	91°, 24%, 76%
HSV	91°, 14%, 82%
XYZ	52.6934, 59.7039, 51.3994
YIQ	200.2090, 0.3690, -12.1990

# Conversions

## Conversions Part 2

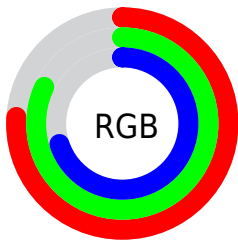
Format	Color
<a href="#">RYB</a>	<a href="#">179, 208, 194</a>
Decimal	<a href="#">12701875</a>
CIELab	<a href="#">81.68, -10.27, 12.68</a>
CIELCh	<a href="#">82, 16.321, 129.009</a>
Yxy	<a href="#">59.7039, 0.3217, 0.3645</a>
Android (android.graphics.Color)	<a href="#">4290891955</a> ( <a href="#">0xFFC1D0B3</a> )
YUV	<a href="#">200.2090, -10.4560, -6.3223</a>
Hunter-Lab	<a href="#">77.2683, -13.4908, 14.6477</a>

# Details

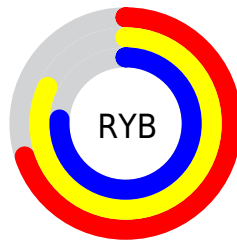
The Yxy color **59.7039, 0.3217, 0.3645** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.2625, 0.3026, 0.2936**, and the grayscale version is **57.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8422, 0.3212, 0.3485**, and **30.1065, 0.3236, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **57.5675, 0.3280, 0.3924**, and if you desaturate by 10%, it is **62.0748, 0.3153, 0.3386**.

# Distribution



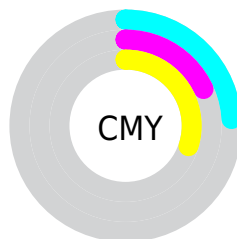
- Red (76%)
- Green (82%)
- Blue (70%)



- Red (70%)
- Yellow (82%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)




- Cyan (24%)
- Magenta (18%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7039, 0.3217, 0.3645 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 59.7039, 0.3217, 0.3645 by changing the saturation by 10% instead.




 59.7039, 0.3217,  
0.3645

 59.7039, 0.3217,  
0.3645


423.5055, 0.3176,  
0.3472

 43.1800, 0.3226,  
0.3687


 104.4000, 0.3203,  
0.3583

 30.0264, 0.3238,  
0.3740


133.3410, 0.3197,  
0.3559

 19.8586, 0.3252,  
0.3810

167.1899, 0.3192,  
0.3539

 12.2923, 0.3271,  
0.3905

206.3310, 0.3188,  
0.3522

 6.9431, 0.3295,  
0.4043

251.1487, 0.3184,  
0.3507

 3.4265, 0.3326,  
0.4258

302.0274, 0.3181,

 1.3583, 0.3440,

0.3494

0.4742

359.3516, 0.3178,  
0.3482

■ 0.1857, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.7039, 0.3217,  
0.3645

■ 59.7039, 0.3217,  
0.3645

■ 57.5675, 0.3280,  
0.3924

■ 62.0748, 0.3153,  
0.3386

■ 55.6499, 0.3337,  
0.4219

■ 64.6798, 0.3088,  
0.3149

■ 53.9455, 0.3386,  
0.4520

■ 67.5284, 0.3026,  
0.2935

■ 52.4452, 0.3422,  
0.4817

■ 70.1545, 0.3013,  
0.2812

■ 51.1395, 0.3440,  
0.5094

■ 72.0463, 0.3089,  
0.2822

■ 50.0176, 0.3439,  
0.5337

■ 73.5884, 0.3149,  
0.2831

■ 49.0675, 0.3415,  
0.5531

■ 48.2750, 0.3372,  
0.5669

■ 47.8576, 0.3339,  
0.5731

# Harmonies

## Analogous

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



59.7039, 0.3408, 0.3652



59.7039, 0.3217, 0.3645



59.7039, 0.3007, 0.3533

# Triad

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



59.7039, 0.3217, 0.3645



59.7039, 0.2742, 0.3009



59.7039, 0.3428, 0.3222

# Complementary

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



59.7039, 0.3217, 0.3645



48.2625, 0.3026, 0.2936

# 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.



59.7039, 0.3240, 0.3064



59.7039, 0.3217, 0.3645



59.7039, 0.2847, 0.2941

# Square

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



59.7039, 0.3217, 0.3645



59.7039, 0.2738, 0.3157



59.7039, 0.3027, 0.2962



59.7039, 0.3533, 0.3401



# Rectangle

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



59.7039, 0.3217, 0.3645



59.7039, 0.2884, 0.3416



59.7039, 0.3027, 0.2962



59.7039, 0.3372, 0.3165

# Sweetspot

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



59.7065, 0.3217, 0.3645



98.3760, 0.3153, 0.3389



55.0262, 0.3358, 0.3465



20.9926, 0.3158, 0.3408



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

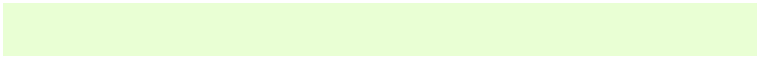


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7065, 0.3217, 0.3645



93.5185, 0.3238, 0.3734



57.9485, 0.3110, 0.3657



13.4831, 0.3188, 0.3525



29.8868, 0.3349, 0.5723



1.7182, 0.3492, 0.5610



# Inverse Universe

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



48.2625, 0.3026, 0.2936



71.6268, 0.2999, 0.2848



50.2071, 0.3143, 0.2949



11.7132, 0.3062, 0.3055



4.8559, 0.2061, 0.0909



0.3186, 0.2259, 0.1018



# Previews

## White Background



This preview shows how the Yxy color 59.7039, 0.3217, 0.3645 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 59.7039, 0.3217, 0.3645 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

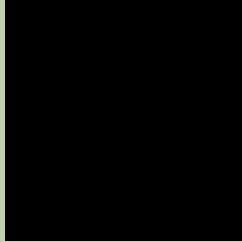
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

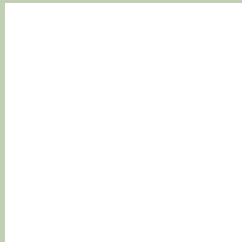
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 59.7039, 0.3217, 0.3645**

## **Background**



This preview shows how black text looks on a background with the Yxy color 59.7039, 0.3217, 0.3645.

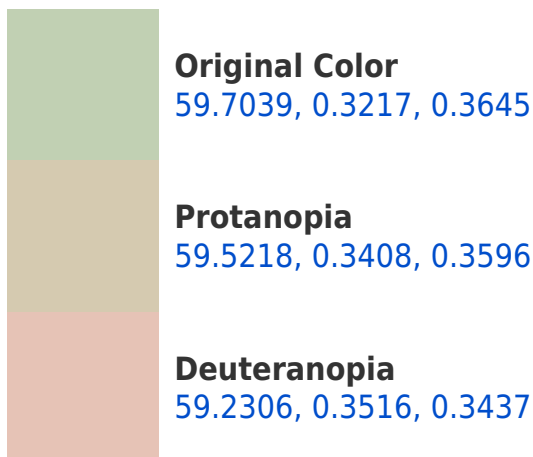


This preview shows how white text looks on a background with the Yxy color 59.7039, 0.3217, 0.3645.

# 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





## Tritanopia

59.4451, 0.2993, 0.3103

# Trichromacy



**Original Color**

59.7039, 0.3217, 0.3645

**Protanomaly**

59.4819, 0.3339, 0.3613

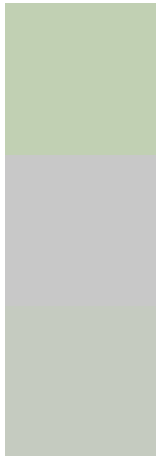
**Deuteranomaly**

59.3965, 0.3406, 0.3511

**Tritanomaly**

59.4157, 0.3074, 0.3290

# Monochromacy



**Original Color**

59.7039, 0.3217, 0.3645

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

58.3880, 0.3160, 0.3423

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.7039, 0.3217, 0.3645 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(193, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 179)  
}
```

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(193, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 179) }
```

## Border

The CSS property to change the border of an element to Yxy 59.7039, 0.3217, 0.3645 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(193, 208, 179) }
```

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

```
.border{ border-color:rgb(193, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 208, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 208, 179); box-shadow:4px 4px 4px 4px rgb(193, 208, 179) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.7039, 0.3217, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 179) }
```

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

```
.background{ background-color: rgb(193,  
208, 179) }
```

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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