

# Converting Colors

Yxy(60.2294, 0.3293, 0.3703)

Have a look what the booklet for  
Yxy(60.2294, 0.3293, 0.3703)  
contains.

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# Color

**Yxy(60.1735, 0.3291, 0.3703)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C6D0AE
RGB	198, 208, 174
RGB Percent	78%, 82%, 68%
CMY	0.2237, 0.1843, 0.3176
CMYK	0.05, 0.00, 0.16, 0.18
HSL	78°, 27%, 75%
HSV	78°, 16%, 82%
XYZ	53.4785, 60.1735, 48.8473
YIQ	201.1340, 4.9540, -12.6940

# Conversions

## Conversions Part 2

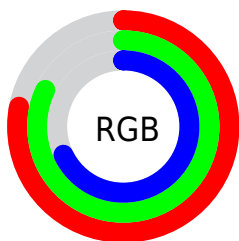
Format	Color
<a href="#">RYB</a>	<a href="#">174, 208, 184</a>
Decimal	<a href="#">13029550</a>
CIELab	<a href="#">81.93, -9.34, 15.74</a>
CIELCh	<a href="#">82, 18.308, 120.689</a>
Yxy	<a href="#">60.1735, 0.3291, 0.3703</a>
Android (android.graphics.Color)	<a href="#">4291219630</a> (0xFFC6D0AE)
YUV	<a href="#">201.1340, -13.3771, -2.7485</a>
Hunter-Lab	<a href="#">77.5716, -12.6908, 16.9648</a>

# Details

The Yxy color **60.1735, 0.3291, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0310, 0.2944, 0.2863**, and the grayscale version is **58.5770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **30.4456, 0.3325, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **58.6080, 0.3390, 0.3973**, and if you desaturate by 10%, it is **61.9038, 0.3190, 0.3445**.

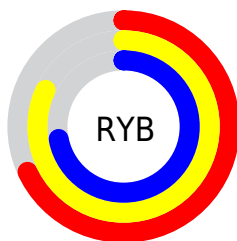
# Distribution



Red (78%)

Green (82%)

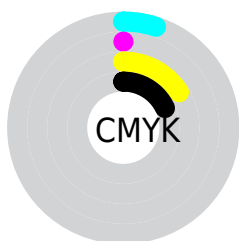
Blue (68%)



Red (68%)

Yellow (82%)

Blue (72%)

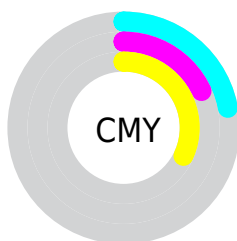


Cyan (5%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (22%)

Magenta (18%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1735, 0.3291, 0.3703 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 60.1735, 0.3291, 0.3703 by changing the saturation by 10% instead.




 60.1735, 0.3291,  
0.3703

 60.1735, 0.3291,  
0.3703


425.2370, 0.3215,  
0.3502

 43.5585, 0.3309,  
0.3752


 105.0813, 0.3264,  
0.3631

 30.3236, 0.3330,  
0.3813


134.1429, 0.3254,  
0.3604

 20.0843, 0.3357,  
0.3893

168.1222, 0.3245,  
0.3580

 12.4563, 0.3393,  
0.4002

207.4034, 0.3237,  
0.3560

 7.0553, 0.3440,  
0.4158

252.3712, 0.3231,  
0.3543

 3.4967, 0.3504,  
0.4399


303.4098, 0.3225,


 1.3962, 0.3753,


0.3528


0.5031


360.9036, 0.3219,  
0.3514


 0.2139, 0.0000,  
1.0000


 0.0000, 0.0000,  
0.0000

 60.1735, 0.3291,  
0.3703


 60.1735, 0.3291,  
0.3703


 58.6080, 0.3390,  
0.3973


 61.9038, 0.3190,  
0.3445


 57.1934, 0.3484,  
0.4247


 63.7968, 0.3091,  
0.3204


 55.9255, 0.3569,  
0.4518


 65.8606, 0.2996,  
0.2981

 54.7972, 0.3638,  
0.4774


 67.9565, 0.2920,  
0.2798

 53.8006, 0.3687,  
0.5003


 68.9484, 0.2962,  
0.2804


 52.9268, 0.3712,  
0.5194


 69.9762, 0.3005,  
0.2811

 52.1656, 0.3712,  
0.5338

 71.0400, 0.3049,  
0.2817

 51.5038, 0.3688,  
0.5434

 72.1405, 0.3092,  
0.2823

 51.2782, 0.3676,  
0.5463

 73.2777, 0.3136,  
0.2830

# Harmonies

## Analogous

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



60.1735, 0.3488, 0.3676



60.1735, 0.3291, 0.3703



60.1735, 0.3055, 0.3609

# Triad

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



60.1735, 0.3291, 0.3703



60.1735, 0.2685, 0.3013



60.1735, 0.3412, 0.3160

# Complementary

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



60.1735, 0.3291, 0.3703



45.0310, 0.2944, 0.2863

# 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.



60.1735, 0.3187, 0.2999



60.1735, 0.3291, 0.3703



60.1735, 0.2772, 0.2911

# Square

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



60.1735, 0.3291, 0.3703



60.1735, 0.2711, 0.3197



60.1735, 0.2953, 0.2909



60.1735, 0.3561, 0.3357



# Rectangle

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



60.1735, 0.3291, 0.3703



60.1735, 0.2908, 0.3489



60.1735, 0.2953, 0.2909



60.1735, 0.3342, 0.3101

# Sweetspot

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



60.1761, 0.3291, 0.3703



98.4981, 0.3177, 0.3413



50.6035, 0.3416, 0.3408



21.0386, 0.3185, 0.3431



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

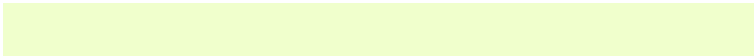


# Same Dimension

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



60.1761, 0.3291, 0.3703



94.3919, 0.3330, 0.3807



58.0451, 0.3162, 0.3720



13.6149, 0.3221, 0.3523



32.0066, 0.3684, 0.5457



1.8295, 0.3780, 0.5380



# Inverse Universe

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



45.0310, 0.2944, 0.2863



65.4774, 0.2894, 0.2751



47.2014, 0.3083, 0.2881



11.5846, 0.3027, 0.3053



3.5100, 0.1702, 0.0711



0.2373, 0.1905, 0.0823



# Previews

## White Background



This preview shows how the Yxy color 60.1735, 0.3291, 0.3703 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

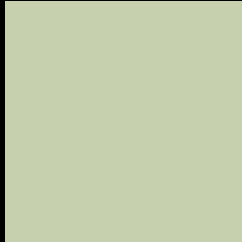
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.1735, 0.3291, 0.3703 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

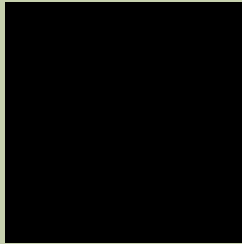
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

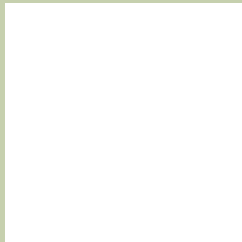
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.1735, 0.3291, 0.3703**

## Background



This preview shows how black text looks on a background with the Yxy color 60.1735, 0.3291, 0.3703.



This preview shows how white text looks on a background with the Yxy color 60.1735, 0.3291, 0.3703.

# 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

60.1735, 0.3291, 0.3703

### Protanopia

59.9866, 0.3444, 0.3654

### Deuteranopia

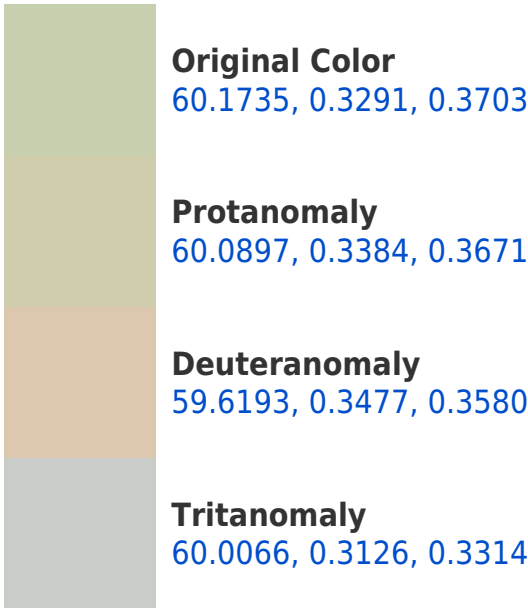
59.9381, 0.3588, 0.3515



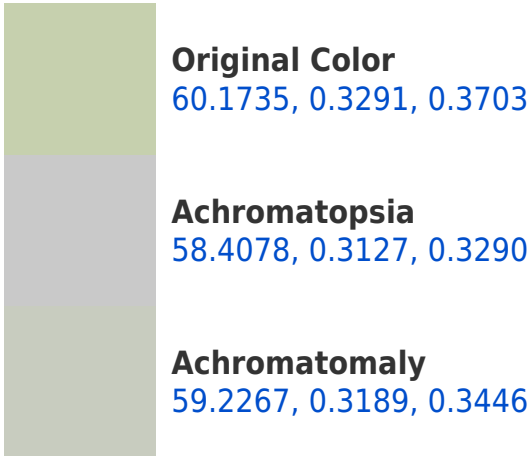
## Tritanopia

60.1404, 0.3030, 0.3105

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.1735, 0.3291, 0.3703 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(198, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 174)  
}
```

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(198, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 60.1735, 0.3291, 0.3703 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(198, 208, 174) }
```

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

```
.border{ border-color:rgb(198, 208, 174) }
```

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

Here you see how a box with a 4 pixel rgb(198, 208, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
174) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.1735, 0.3291, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 174) }
```

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

```
.background{ background-color: rgb(198,  
208, 174) }
```

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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