

# Converting Colors

Yxy(60.2149, 0.3413, 0.3867)

Have a look what the booklet for  
Yxy(60.2149, 0.3413, 0.3867)  
contains.

<b>Yxy(60.1025, 0.3409, 0.3860)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(60.1025, 0.3409, 0.3860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D0A1
RGB	201, 208, 161
RGB Percent	79%, 82%, 63%
CMY	0.2117, 0.1843, 0.3686
CMYK	0.03, 0.00, 0.23, 0.18
HSL	69°, 33%, 72%
HSV	69°, 23%, 82%
XYZ	53.0802, 60.1025, 42.5233
YIQ	200.5490, 10.9150, -16.1010

# Conversions

## Conversions Part 2

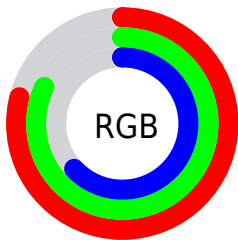
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 208, 168
Decimal	13226145
CIELab	81.89, -10.21, 22.59
CIELCh	82, 24.790, 114.310
Yxy	60.1025, 0.3409, 0.3860
Android (android.graphics.Color)	4291416225 (0xFFC9D0A1)
YUV	200.5490, -19.4977, 0.3955
Hunter-Lab	77.5258, -13.4552, 21.7472

# Details

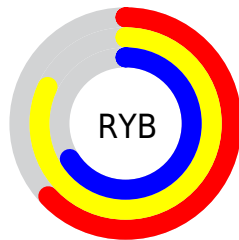
The Yxy color **60.1025, 0.3409, 0.3860** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3692, 0.2805, 0.2672**, and the grayscale version is **58.2359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **30.4184, 0.3480, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **59.0073, 0.3532, 0.4121**, and if you desaturate by 10%, it is **61.3338, 0.3283, 0.3602**.

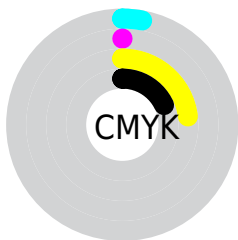
# Distribution



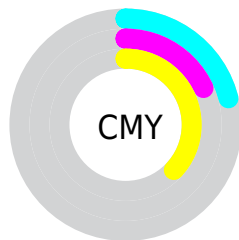
- Red (79%)
- Green (82%)
- Blue (63%)



- Red (63%)
- Yellow (82%)
- Blue (66%)



- Cyan (3%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)




- Cyan (21%)
- Magenta (18%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1025, 0.3409, 0.3860 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 60.1025, 0.3409, 0.3860 by changing the saturation by 10% instead.





 60.1025, 0.3409,  
0.3860


 60.1025, 0.3409,  
0.3860


424.9755, 0.3278,  
0.3582

 43.5013, 0.3439,  
0.3927


 104.9783, 0.3364,  
0.3761

 30.2786, 0.3475,  
0.4011


 134.0217, 0.3346,  
0.3723

 20.0502, 0.3521,  
0.4121


167.9813, 0.3331,  
0.3691

 12.4315, 0.3579,  
0.4268

207.2414, 0.3317,  
0.3663

 7.0383, 0.3655,  
0.4477

252.1865, 0.3306,  
0.3639

 3.4860, 0.3751,  
0.4789

303.2010, 0.3295,

 1.3904, 0.4214,

0.3618

0.5786

360.6691, 0.3286,  
0.3599

0.2097, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.1025, 0.3409,  
0.3860

60.1025, 0.3409,  
0.3860

59.0073, 0.3532,  
0.4121

61.3338, 0.3283,  
0.3602

58.0340, 0.3647,  
0.4375

62.6987, 0.3159,  
0.3353

57.1787, 0.3749,  
0.4614

64.2053, 0.3039,  
0.3117

56.4341, 0.3833,  
0.4825

65.8586, 0.2924,  
0.2898

■ 55.7923, 0.3893,  
0.5000

■ 67.0021, 0.2878,  
0.2792

■ 55.2438, 0.3928,  
0.5132

■ 67.4785, 0.2899,  
0.2795

■ 54.7774, 0.3937,  
0.5219

■ 67.9639, 0.2920,  
0.2798

■ 54.4705, 0.3931,  
0.5260

■ 68.4582, 0.2942,  
0.2801

■ 68.9615, 0.2963,  
0.2804

# Harmonies

## Analogous

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



60.1025, 0.3657, 0.3781



60.1025, 0.3409, 0.3860



60.1025, 0.3094, 0.3769

# Triad

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



60.1025, 0.3409, 0.3860



60.1025, 0.2531, 0.2956



60.1025, 0.3453, 0.3064

# Complementary

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



60.1025, 0.3409, 0.3860



38.3692, 0.2805, 0.2672

# 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.



60.1025, 0.3135, 0.2868



60.1025, 0.3409, 0.3860



60.1025, 0.2614, 0.2798

# Square

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



60.1025, 0.3409, 0.3860



60.1025, 0.2596, 0.3221



60.1025, 0.2830, 0.2771



60.1025, 0.3687, 0.3317



# Rectangle

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



60.1025, 0.3409, 0.3860



60.1025, 0.2889, 0.3620



60.1025, 0.2830, 0.2771



60.1025, 0.3352, 0.2990

# Sweetspot

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



60.1052, 0.3409, 0.3860



98.4037, 0.3214, 0.3463



43.7203, 0.3569, 0.3369



21.0341, 0.3222, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

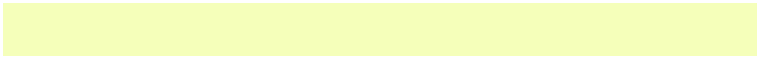


# Same Dimension

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



60.1052, 0.3409, 0.3860



94.4430, 0.3468, 0.3983



57.1781, 0.3228, 0.3894



13.7050, 0.3243, 0.3521



33.9824, 0.3935, 0.5257



1.9249, 0.3986, 0.5217



# Inverse Universe

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



38.3692, 0.2805, 0.2672



54.1876, 0.2725, 0.2524



41.0922, 0.3000, 0.2706



11.5008, 0.3005, 0.3051



3.0451, 0.1564, 0.0635

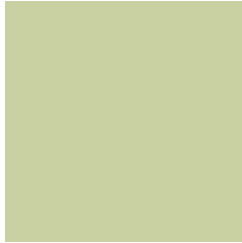


0.1978, 0.1710, 0.0716



# Previews

## White Background



This preview shows how the Yxy color 60.1025, 0.3409, 0.3860 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 60.1025, 0.3409, 0.3860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

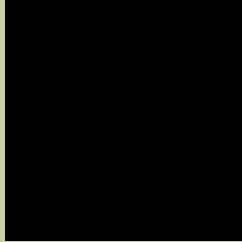
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

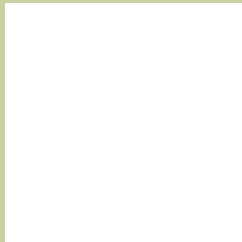
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.1025, 0.3409, 0.3860**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.1025, 0.3409, 0.3860.



This preview shows how white text looks on a background with the Yxy color 60.1025, 0.3409, 0.3860.

# 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

60.1025, 0.3409, 0.3860

### Protanopia

59.9668, 0.3568, 0.3805

### Deuteranopia

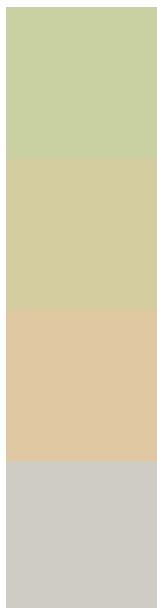
59.7151, 0.3722, 0.3635



## Tritanopia

60.2865, 0.3082, 0.3118

# Trichromacy



## Original Color

60.1025, 0.3409, 0.3860

## Protanomaly

60.0496, 0.3505, 0.3824

## Deuteranomaly

59.8002, 0.3604, 0.3716

## Tritanomaly

60.2931, 0.3200, 0.3384

# Monochromacy



## Original Color

60.1025, 0.3409, 0.3860

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

59.1484, 0.3233, 0.3506

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.1025, 0.3409, 0.3860 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(201, 208, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 208, 161)  
}
```

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(201, 208, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 208, 161) }
```

## Border

The CSS property to change the border of an element to Yxy 60.1025, 0.3409, 0.3860 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(201, 208, 161) }
```

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

```
.border{ border-color:rgb(201, 208, 161) }
```

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

Here you see how a box with a 4 pixel rgb(201, 208, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 208, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 208, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 208,  
161) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.1025, 0.3409, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 208, 161) }
```

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

```
.background{ background-color: rgb(201,  
208, 161) }
```

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