

# Converting Colors

$Yxy(62.4254, 0.3388, 0.3754)$

Have a look what the booklet for  
Yxy(62.4254, 0.3388, 0.3754)  
contains.

<b>Yxy(62.4434, 0.3389, 0.3751)</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(62.4434, 0.3389, 0.3751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0D2AB
RGB	208, 210, 171
RGB Percent	82%, 82%, 67%
CMY	0.1842, 0.1765, 0.3294
CMYK	0.01, 0.00, 0.19, 0.18
HSL	63°, 30%, 75%
HSV	63°, 19%, 82%
XYZ	56.4171, 62.4434, 47.6108
YIQ	204.9560, 11.3270, -12.5530

# Conversions

## Conversions Part 2

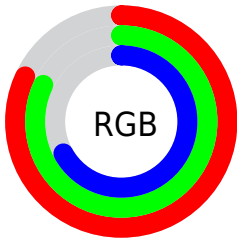
Format	Color
<a href="#">RYB</a>	<a href="#">171, 210, 173</a>
Decimal	<a href="#">13685419</a>
CIELab	<a href="#">83.15, -7.16, 19.14</a>
CIELCh	<a href="#">83, 20.439, 110.507</a>
Yxy	<a href="#">62.4434, 0.3389, 0.3751</a>
Android (android.graphics.Color)	<a href="#">4291875499 (0xFFD0D2AB)</a>
YUV	<a href="#">204.9560, -16.7403, 2.6696</a>
Hunter-Lab	<a href="#">79.0211, -10.8469, 19.5921</a>

# Details

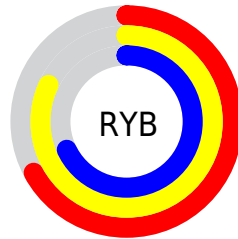
The Yxy color **62.4434, 0.3389, 0.3751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.6628, 0.2838, 0.2788**, and the grayscale version is **61.1286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **31.8811, 0.3443, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **61.5552, 0.3531, 0.4005**, and if you desaturate by 10%, it is **63.4654, 0.3247, 0.3499**.

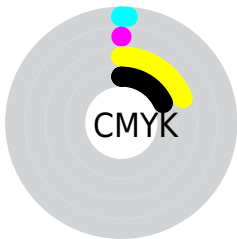
# Distribution



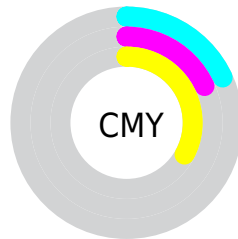
- Red (82%)
- Green (82%)
- Blue (67%)



- Red (67%)
- Yellow (82%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)




- Cyan (18%)
- Magenta (18%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4434, 0.3389, 0.3751 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 62.4434, 0.3389, 0.3751 by changing the saturation by 10% instead.




 62.4434, 0.3389,  
0.3751

 62.4434, 0.3389,  
0.3751


433.5466, 0.3266,  
0.3529

 45.3911, 0.3417,  
0.3804


 108.3661, 0.3346,  
0.3672

 31.7656, 0.3452,  
0.3870


138.0053, 0.3330,  
0.3642

 21.1825, 0.3496,  
0.3956


172.6089, 0.3316,  
0.3616

 13.2575, 0.3553,  
0.4071

212.5612, 0.3303,  
0.3594

 7.6061, 0.3629,  
0.4233

258.2468, 0.3292,  
0.3575

 3.8439, 0.3734,  
0.4475

310.0500, 0.3283,

 1.5867, 0.4082,

0.3558

0.5122

368.3551, 0.3274,  
0.3542

0.3486, 0.3099,  
0.6901

0.0000, 0.0000,  
0.0000

62.4434, 0.3389,  
0.3751

62.4434, 0.3389,  
0.3751

61.5552, 0.3531,  
0.4005

63.4654, 0.3247,  
0.3499

60.7865, 0.3668,  
0.4252

64.6185, 0.3108,  
0.3256

60.1335, 0.3794,  
0.4483

65.9106, 0.2975,  
0.3025

59.5893, 0.3903,  
0.4688

67.3465, 0.2851,  
0.2810

■ 59.1458, 0.3991,  
0.4858

■ 67.5043, 0.2858,  
0.2811

■ 58.7943, 0.4054,  
0.4987

■ 67.6631, 0.2865,  
0.2812

■ 58.5241, 0.4090,  
0.5072

■ 67.8230, 0.2872,  
0.2813

■ 58.3192, 0.4104,  
0.5117

■ 67.9839, 0.2879,  
0.2814

■ 58.2918, 0.4105,  
0.5123

■ 68.1458, 0.2886,  
0.2815

# Harmonies

## Analogous

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



62.4434, 0.3577, 0.3676



62.4434, 0.3389, 0.3751



62.4434, 0.3135, 0.3693

# Triad

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



62.4434, 0.3389, 0.3751



62.4434, 0.2637, 0.3044



62.4434, 0.3362, 0.3081

# Complementary

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



62.4434, 0.3389, 0.3751



42.6628, 0.2838, 0.2788

# 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.



62.4434, 0.3102, 0.2927



62.4434, 0.3389, 0.3751



62.4434, 0.2691, 0.2899

# Square

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



62.4434, 0.3389, 0.3751



62.4434, 0.2707, 0.3268



62.4434, 0.2858, 0.2860



62.4434, 0.3564, 0.3288



# Rectangle

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



62.4434, 0.3389, 0.3751



62.4434, 0.2965, 0.3583



62.4434, 0.2858, 0.2860



62.4434, 0.3278, 0.3022

# Sweetspot

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



62.4462, 0.3389, 0.3751



98.9077, 0.3211, 0.3437



46.5126, 0.3483, 0.3315



21.1459, 0.3221, 0.3454



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.



62.4462, 0.3389, 0.3751



96.3675, 0.3442, 0.3845



59.7931, 0.3236, 0.3774



13.7661, 0.3258, 0.3520



35.5725, 0.4106, 0.5121



1.9985, 0.4123, 0.5108



# Inverse Universe

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



42.6628, 0.2838, 0.2788



60.5387, 0.2773, 0.2676



45.0475, 0.2999, 0.2811



11.4457, 0.2989, 0.3050



2.8930, 0.1517, 0.0609

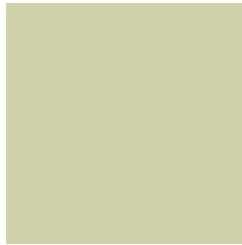


0.1719, 0.1573, 0.0640



# Previews

## White Background



This preview shows how the Yxy color 62.4434, 0.3389, 0.3751 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 62.4434, 0.3389, 0.3751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

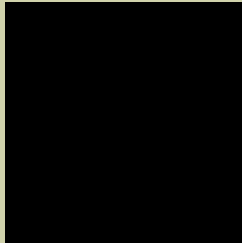
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

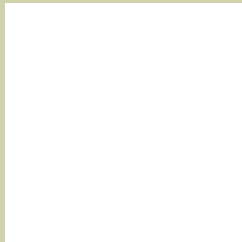
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 62.4434, 0.3389, 0.3751**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.4434, 0.3389, 0.3751.



This preview shows how white text looks on a background with the Yxy color 62.4434, 0.3389, 0.3751.

# 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

62.4434, 0.3389, 0.3751

### Protanopia

62.5503, 0.3498, 0.3729

### Deuteranopia

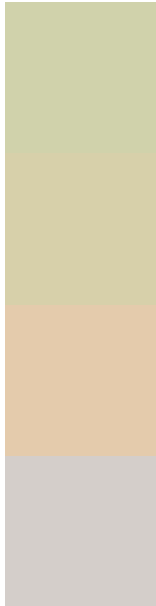
62.2147, 0.3654, 0.3576



## Tritanopia

62.2734, 0.3105, 0.3111

# Trichromacy



## Original Color

62.4434, 0.3389, 0.3751

## Protanomaly

62.4611, 0.3456, 0.3733

## Deuteranomaly

62.1844, 0.3559, 0.3641

## Tritanomaly

62.4039, 0.3201, 0.3336

# Monochromacy



## Original Color

62.4434, 0.3389, 0.3751

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

61.5977, 0.3219, 0.3455

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.4434, 0.3389, 0.3751 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(208, 210, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 210, 171)  
}
```

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(208, 210, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 210, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 62.4434, 0.3389, 0.3751 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(208, 210, 171) }
```

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

```
.border{ border-color:rgb(208, 210, 171) }
```

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

Here you see how a box with a 4 pixel rgb(208, 210, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 210, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 210, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 210,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.4434, 0.3389, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 210, 171) }
```

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

```
.background{ background-color: rgb(208,  
210, 171) }
```

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