

# Converting Colors

Yxy(61.8392, 0.3591, 0.4057)

Have a look what the booklet for  
Yxy(61.8392, 0.3591, 0.4057)  
contains.

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# Color

**Yxy(61.8392, 0.3591, 0.4057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2D291
RGB	210, 210, 145
RGB Percent	82%, 82%, 57%
CMY	0.1765, 0.1764, 0.4313
CMYK	0.00, 0.00, 0.31, 0.18
HSL	60°, 42%, 70%
HSV	60°, 31%, 82%
XYZ	54.7362, 61.8392, 35.8506
YIQ	202.5900, 20.8650, -20.2150

# Conversions

## Conversions Part 2

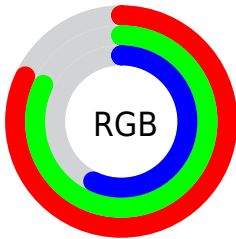
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 210, 145
Decimal	13816465
CIELab	82.83, -9.99, 32.29
CIELCh	83, 33.799, 107.197
Yxy	61.8392, 0.3591, 0.4057
Android (android.graphics.Color)	4292006545 (0xFFD2D291)
YUV	202.5900, -28.3919, 6.4986
Hunter-Lab	78.6379, -13.3709, 28.0166

# Details

The Yxy color **61.8392, 0.3591, 0.4057** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9369, 0.2581, 0.2388**, and the grayscale version is **59.6243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **31.5536, 0.3696, 0.4252** is the 20% darker color. If you saturate the color by 10%, you get **61.2521, 0.3735, 0.4295**, and if you desaturate by 10%, it is **62.5516, 0.3441, 0.3808**.

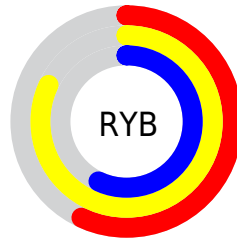
# Distribution



Red (82%)

Green (82%)

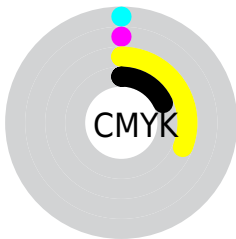
Blue (57%)



Red (57%)

Yellow (82%)

Blue (57%)

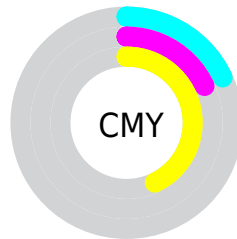


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8392, 0.3591, 0.4057 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 61.8392, 0.3591, 0.4057 by changing the saturation by 10% instead.



61.8392, 0.3591,  
0.4057

61.8392, 0.3591,  
0.4057

431.3443, 0.3377,  
0.3688

44.9028, 0.3638,  
0.4144

107.4931, 0.3518,  
0.3926

31.3809, 0.3696,  
0.4252

136.9794, 0.3489,  
0.3876

20.8890, 0.3766,  
0.4391

171.4177, 0.3464,  
0.3833

13.0429, 0.3852,  
0.4572

211.1925, 0.3442,  
0.3796

7.4581, 0.3956,  
0.4816

256.6882, 0.3423,  
0.3764

3.7502, 0.4111,  
0.5203

308.2891, 0.3406,

1.5348, 0.4250,

0.3735

0.5750

366.3797, 0.3391,  
0.3710

0.3131, 0.1462,  
0.8538

0.0000, 0.0000,  
0.0000

61.8392, 0.3591,  
0.4057

61.8392, 0.3591,  
0.4057

61.2521, 0.3735,  
0.4295

62.5516, 0.3441,  
0.3808

60.7754, 0.3867,  
0.4513

63.3871, 0.3289,  
0.3558


60.4047, 0.3980,  
0.4701

64.3541, 0.3141,  
0.3313


60.1317, 0.4071,  
0.4851


65.4579, 0.2999,  
0.3078


 59.9473, 0.4136,  
0.4959


 66.7038, 0.2866,  
0.2858


 59.8404, 0.4175,  
0.5023

 67.0201, 0.2836,  
0.2808

 59.7928, 0.4193,  
0.5053

 67.0207, 0.2836,  
0.2808

 67.0213, 0.2836,  
0.2808

 67.0218, 0.2836,  
0.2808

# Harmonies

## Analogous

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



61.8392, 0.3893, 0.3887



61.8392, 0.3591, 0.4057



61.8392, 0.3177, 0.4001

# Triad

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



61.8392, 0.3591, 0.4057



61.8392, 0.2339, 0.2906



61.8392, 0.3468, 0.2918

# Complementary

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



61.8392, 0.3591, 0.4057



30.9369, 0.2581, 0.2388

# 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.



61.8392, 0.3030, 0.2690



61.8392, 0.3591, 0.4057



61.8392, 0.2402, 0.2665

# Square

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



61.8392, 0.3591, 0.4057



61.8392, 0.2466, 0.3287



61.8392, 0.2646, 0.2596



61.8392, 0.3828, 0.3234



# Rectangle

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



61.8392, 0.3591, 0.4057



61.8392, 0.2896, 0.3827



61.8392, 0.2646, 0.2596



61.8392, 0.3323, 0.2829

# Sweetspot

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



61.8420, 0.3591, 0.4057



98.6082, 0.3261, 0.3512



36.0077, 0.3824, 0.3292



21.0615, 0.3284, 0.3549



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.



61.8420, 0.3591, 0.4057



95.3376, 0.3685, 0.4213



57.5493, 0.3329, 0.4128



13.7975, 0.3266, 0.3520



36.4706, 0.4193, 0.5053



2.0392, 0.4193, 0.5053



# Inverse Universe

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



30.9369, 0.2581, 0.2388



40.1301, 0.2446, 0.2164



34.3214, 0.2862, 0.2455



11.4178, 0.2982, 0.3050



2.8385, 0.1500, 0.0600

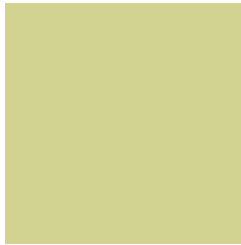


0.1588, 0.1500, 0.0600



# Previews

## White Background



This preview shows how the Yxy color 61.8392, 0.3591, 0.4057 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

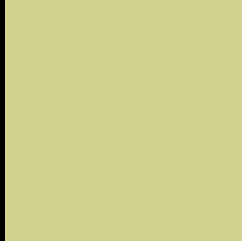
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.8392, 0.3591, 0.4057 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

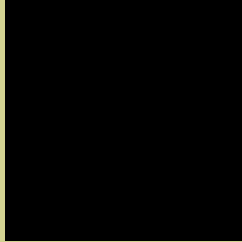
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.8392, 0.3591, 0.4057**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.8392, 0.3591, 0.4057.



This preview shows how white text looks on a background with the Yxy color 61.8392, 0.3591, 0.4057.

# 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

61.8392, 0.3591, 0.4057

### Protanopia

61.8138, 0.3727, 0.4010

### Deuteranopia

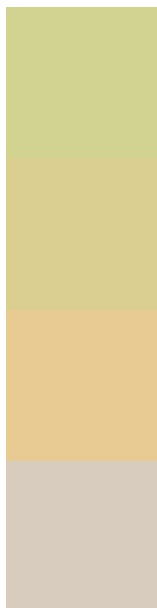
61.4831, 0.3911, 0.3818



## Tritanopia

61.8431, 0.3151, 0.3112

# Trichromacy



## Original Color

61.8392, 0.3591, 0.4057

## Protanomaly

61.5447, 0.3675, 0.4020

## Deuteranomaly

61.5034, 0.3788, 0.3905

## Tritanomaly

61.5462, 0.3315, 0.3440

# Monochromacy



## Original Color

61.8392, 0.3591, 0.4057

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

60.6418, 0.3300, 0.3575

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.8392, 0.3591, 0.4057 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(210, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 145)  
}
```

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(210, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 61.8392, 0.3591, 0.4057 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(210, 210, 145) }
```

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

```
.border{ border-color:rgb(210, 210, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.8392, 0.3591, 0.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 145) }
```

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

```
.background{ background-color: rgb(210,  
210, 145) }
```

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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