

# Converting Colors

$Yxy(61.1879, 0.3915, 0.4412)$

Have a look what the booklet for  
Yxy(61.1879, 0.3915, 0.4412)  
contains.

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# Color

**Yxy(61.0999, 0.3914, 0.4415)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAD06C
RGB	218, 208, 108
RGB Percent	85%, 82%, 42%
CMY	0.1453, 0.1842, 0.5765
CMYK	0.00, 0.05, 0.50, 0.15
HSL	55°, 60%, 64%
HSV	55°, 50%, 85%
XYZ	54.1665, 61.0999, 23.1252
YIQ	199.5900, 38.0600, -28.9800

# Conversions

## Conversions Part 2

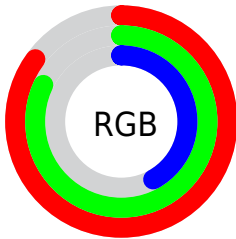
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 218, 108
Decimal	14340204
CIELab	82.43, -9.74, 50.38
CIELCh	82, 51.316, 100.938
Yxy	61.0999, 0.3914, 0.4415
Android (android.graphics.Color)	4292530284 (0xFFDAD06C)
YUV	199.5900, -45.1539, 16.1456
Hunter-Lab	78.1664, -13.0973, 37.1758

# Details

The Yxy color **61.0999, 0.3914, 0.4415** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.1901, 0.2190, 0.1834**, and the grayscale version is **57.7571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3886, 0.3678, 0.4200**, and **30.9738, 0.4071, 0.4676** is the 20% darker color. If you saturate the color by 10%, you get **59.7405, 0.4051, 0.4595**, and if you desaturate by 10%, it is **62.5929, 0.3762, 0.4208**.

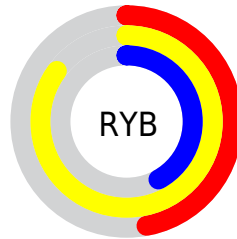
# Distribution



Red (85%)

Green (82%)

Blue (42%)



Red (47%)

Yellow (85%)

Blue (42%)

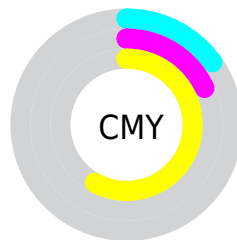


Cyan (0%)

Magenta (5%)

Yellow (50%)

Black (15%)



Cyan (15%)

Magenta (18%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0999, 0.3914, 0.4415 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 61.0999, 0.3914, 0.4415 by changing the saturation by 10% instead.




 61.0999, 0.3914,  
0.4415


 61.0999, 0.3914,  
0.4415


428.6402, 0.3562,  
0.3886

 44.3058, 0.3986,  
0.4532

 106.4236, 0.3797,  
0.4233


 30.9110, 0.4069,  
0.4674


 135.7219, 0.3750,  
0.4161

 20.5311, 0.4163,  
0.4844


 169.9572, 0.3709,  
0.4100

 12.7817, 0.4264,  
0.5049

 209.5137, 0.3672,  
0.4046

 7.2784, 0.4388,  
0.5328

254.7758, 0.3640,  
0.3998

 3.6368, 0.4421,  
0.5579

306.1280, 0.3611,

 1.4725, 0.4258,

0.3957

0.5742

363.9547, 0.3585,  
0.3919

0.2693, 0.0635,  
0.9365

0.0000, 0.0000,  
0.0000

61.0999, 0.3914,  
0.4415

61.0999, 0.3914,  
0.4415

59.7405, 0.4051,  
0.4595

62.5929, 0.3762,  
0.4208

58.4973, 0.4168,  
0.4739


64.2189, 0.3603,  
0.3985

57.3631, 0.4260,  
0.4841


65.9880, 0.3442,  
0.3754

56.3258, 0.4324,  
0.4898


67.9070, 0.3285,  
0.3524

 55.4054, 0.4363,  
0.4918

 69.9820, 0.3134,  
0.3300

 72.2190, 0.2992,  
0.3087

 74.2594, 0.2893,  
0.2942

 75.3107, 0.2894,  
0.2964

 76.3743, 0.2895,  
0.2985

# Harmonies

## Analogous

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



61.0999, 0.4332, 0.4058



61.0999, 0.3914, 0.4415



61.0999, 0.3309, 0.4460

# Triad

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



61.0999, 0.3914, 0.4415



61.0999, 0.1988, 0.2789



61.0999, 0.3498, 0.2660

# Complementary

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



61.0999, 0.3914, 0.4415



21.1901, 0.2190, 0.1834

# 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.



61.0999, 0.2836, 0.2373



61.0999, 0.3914, 0.4415



61.0999, 0.2026, 0.2406

# Square

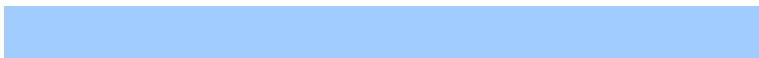
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0999, 0.3914, 0.4415



61.0999, 0.2214, 0.3404



61.0999, 0.2316, 0.2277



61.0999, 0.4104, 0.3084



# Rectangle

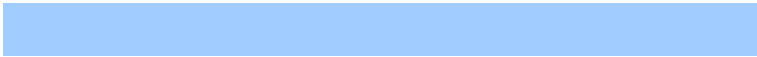
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0999, 0.3914, 0.4415



61.0999, 0.2885, 0.4245



61.0999, 0.2316, 0.2277



61.0999, 0.3272, 0.2546

# Sweetspot

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



61.1027, 0.3914, 0.4415



95.5910, 0.3358, 0.3631



26.9558, 0.4411, 0.3163



20.3365, 0.3392, 0.3680



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.



61.1027, 0.3914, 0.4415



85.0458, 0.4065, 0.4613



60.1988, 0.3510, 0.4672



15.0521, 0.3269, 0.3501



33.2912, 0.4360, 0.4920



2.2169, 0.4330, 0.4944



# Inverse Universe

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



21.1901, 0.2190, 0.1834



21.8220, 0.1969, 0.1471



22.4586, 0.2529, 0.1835



12.8054, 0.2981, 0.3070



3.3936, 0.1518, 0.0664



0.2865, 0.1566, 0.0837



# Previews

## White Background



This preview shows how the Yxy color 61.0999, 0.3914, 0.4415 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

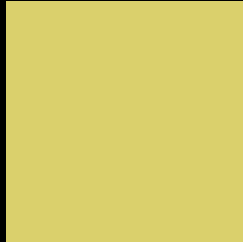
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.0999, 0.3914, 0.4415 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 61.0999, 0.3914, 0.4415**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.0999, 0.3914, 0.4415.



This preview shows how white text looks on a background with the Yxy color 61.0999, 0.3914, 0.4415.

# 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

61.0999, 0.3914, 0.4415

### Protanopia

60.8929, 0.4005, 0.4366

### Deuteranopia

60.6871, 0.4248, 0.4147



## Tritanopia

60.7273, 0.3262, 0.3114

# Trichromacy



## Original Color

61.0999, 0.3914, 0.4415

## Protanomaly

60.8921, 0.3974, 0.4387

## Deuteranomaly

60.7851, 0.4124, 0.4244

## Tritanomaly

60.2118, 0.3518, 0.3588

# Monochromacy



## Original Color

61.0999, 0.3914, 0.4415

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

58.7673, 0.3424, 0.3722

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.0999, 0.3914, 0.4415 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(218, 208, 108)` looks like.

```
.text, #text, p{  
    color:rgb(218, 208, 108)  
}
```

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(218, 208, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 208, 108) }
```

## Border

The CSS property to change the border of an element to Yxy 61.0999, 0.3914, 0.4415 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(218, 208, 108) }
```

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

```
.border{ border-color:rgb(218, 208, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 208, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 208, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 208, 108);  
box-shadow:4px 4px 4px 4px rgb(218, 208,  
108) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.0999, 0.3914, 0.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 208, 108) }
```

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

```
.background{ background-color: rgb(218,  
208, 108) }
```

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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