

# Converting Colors

Yxy(60.4363, 0.3797, 0.4331)

Have a look what the booklet for  
Yxy(60.4363, 0.3797, 0.4331)  
contains.

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# Color

**Yxy(60.4168, 0.3800, 0.4334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D076
RGB	212, 208, 118
RGB Percent	83%, 82%, 46%
CMY	0.1687, 0.1843, 0.5372
CMYK	0.00, 0.02, 0.44, 0.17
HSL	57°, 52%, 65%
HSV	57°, 44%, 83%
XYZ	52.9727, 60.4168, 26.0124
YIQ	198.9360, 31.2740, -27.1420

# Conversions

## Conversions Part 2

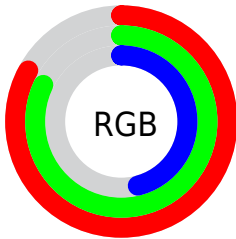
Format	Color
R <sub>YB</sub>	122, 212, 118
Decimal	13946998
CIE Lab	82.06, -11.22, 44.98
CIE LCh	82, 46.354, 104.004
Yxy	60.4168, 0.3800, 0.4334
Android (android.graphics.Color)	4292137078 (0xFFD4D076)
YUV	198.9360, -39.9014, 11.4571
Hunter-Lab	77.7282, -14.3745, 34.5679

# Details

The Yxy color **60.4168, 0.3800, 0.4334** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.5181, 0.2307, 0.1974**, and the grayscale version is **57.3067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7586, 0.3620, 0.4105**, and **30.5844, 0.3940, 0.4586** is the 20% darker color. If you saturate the color by 10%, you get **59.5360, 0.3935, 0.4538**, and if you desaturate by 10%, it is **61.4189, 0.3652, 0.4108**.

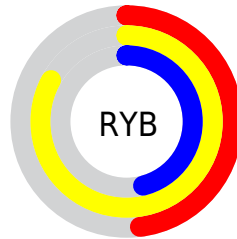
# Distribution



Red (83%)

Green (82%)

Blue (46%)



Red (48%)

Yellow (83%)

Blue (46%)

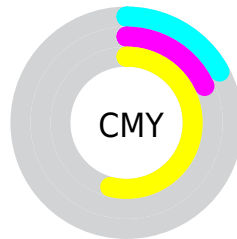


Cyan (0%)

Magenta (2%)

Yellow (44%)

Black (17%)



Cyan (17%)

Magenta (18%)


Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4168, 0.3800, 0.4334 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 60.4168, 0.3800, 0.4334 by changing the saturation by 10% instead.




 60.4168, 0.3800,  
0.4334


 60.4168, 0.3800,  
0.4334


426.1324, 0.3496,  
0.3835

 43.7547, 0.3864,  
0.4448


 105.4341, 0.3698,  
0.4160

 30.4777, 0.3938,  
0.4587


 134.5580, 0.3657,  
0.4093

 20.2015, 0.4025,  
0.4760


 168.6046, 0.3622,  
0.4034

 12.5416, 0.4121,  
0.4975

207.9584, 0.3591,  
0.3984

 7.1136, 0.4221,  
0.5248

253.0036, 0.3563,  
0.3940

 3.5333, 0.4346,  
0.5654

304.1248, 0.3538,

 1.4161, 0.4151,

0.3901

0.5849

361.7062, 0.3516,  
0.3866

■ 0.2285, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.4168, 0.3800,  
0.4334

■ 60.4168, 0.3800,  
0.4334

■ 59.5360, 0.3935,  
0.4538

■ 61.4189, 0.3652,  
0.4108

■ 58.7604, 0.4052,  
0.4710

■ 62.5408, 0.3498,  
0.3870


■ 58.0842, 0.4146,  
0.4842

■ 63.7918, 0.3342,  
0.3628

■ 57.4975, 0.4213,  
0.4932

■ 65.1779, 0.3191,  
0.3390

 56.9879, 0.4254,  
0.4979

 66.7046, 0.3046,  
0.3162

 56.7212, 0.4269,  
0.4992

 68.3771, 0.2910,  
0.2946

 69.4446, 0.2851,  
0.2856

 69.8993, 0.2851,  
0.2866

 70.3564, 0.2852,  
0.2876

# Harmonies

## Analogous

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



60.4168, 0.4200, 0.4042



60.4168, 0.3800, 0.4334



60.4168, 0.3240, 0.4324

# Triad

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



60.4168, 0.3800, 0.4334



60.4168, 0.2075, 0.2793



60.4168, 0.3528, 0.2748

# Complementary

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



60.4168, 0.3800, 0.4334



22.5181, 0.2307, 0.1974

# 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.



60.4168, 0.2923, 0.2467



60.4168, 0.3800, 0.4334



60.4168, 0.2133, 0.2461

# Square

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



60.4168, 0.3800, 0.4334



60.4168, 0.2262, 0.3335



60.4168, 0.2426, 0.2360



60.4168, 0.4056, 0.3151



# Rectangle

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



60.4168, 0.3800, 0.4334



60.4168, 0.2856, 0.4102



60.4168, 0.2426, 0.2360



60.4168, 0.3324, 0.2638

# Sweetspot

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



60.4196, 0.3800, 0.4334



97.1568, 0.3324, 0.3600



28.3763, 0.4239, 0.3235



20.6999, 0.3359, 0.3653



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.



60.4196, 0.3800, 0.4334



90.5484, 0.3926, 0.4523



56.8953, 0.3437, 0.4513



14.4259, 0.3267, 0.3511



35.0641, 0.4268, 0.4993



2.1434, 0.4254, 0.5004



# Inverse Universe

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



22.5181, 0.2307, 0.1974



26.0097, 0.2112, 0.1656



25.2163, 0.2665, 0.2041



12.0918, 0.2981, 0.3059



3.0910, 0.1508, 0.0629



0.2167, 0.1533, 0.0719



# Previews

## White Background



This preview shows how the Yxy color 60.4168, 0.3800, 0.4334 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 60.4168, 0.3800, 0.4334 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

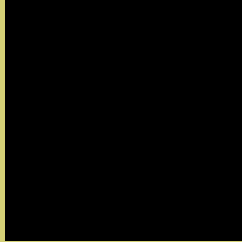
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.4168, 0.3800, 0.4334**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.4168, 0.3800, 0.4334.



This preview shows how white text looks on a background with the Yxy color 60.4168, 0.3800, 0.4334.

# 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

60.4168, 0.3800, 0.4334

### Protanopia

60.3174, 0.3928, 0.4266

### Deuteranopia

60.3671, 0.4152, 0.4064



## Tritanopia

60.2156, 0.3214, 0.3123

# Trichromacy



## Original Color

60.4168, 0.3800, 0.4334

## Protanomaly

60.1626, 0.3889, 0.4289

## Deuteranomaly

60.3268, 0.4022, 0.4161

## Tritanomaly

59.8931, 0.3435, 0.3557

# Monochromacy



## Original Color

60.4168, 0.3800, 0.4334

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

57.9807, 0.3379, 0.3677

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.4168, 0.3800, 0.4334 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(212, 208, 118)` looks like.

```
.text, #text, p{  
    color:rgb(212, 208, 118)  
}
```

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(212, 208, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 208, 118) }
```

## Border

The CSS property to change the border of an element to Yxy 60.4168, 0.3800, 0.4334 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(212, 208, 118) }
```

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

```
.border{ border-color:rgb(212, 208, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 208, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 208, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 208, 118);  
box-shadow:4px 4px 4px 4px rgb(212, 208,  
118) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.4168, 0.3800, 0.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 208, 118) }
```

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

```
.background{ background-color: rgb(212,  
208, 118) }
```

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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