

# Converting Colors

$Yxy(44.1346, 0.3308, 0.3718)$

Have a look what the booklet for  
Yxy(44.1346, 0.3308, 0.3718)  
contains.

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# Color

**Yxy(44.1340, 0.3308, 0.3718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADB596
RGB	173, 181, 150
RGB Percent	68%, 71%, 59%
CMY	0.3215, 0.2902, 0.4118
CMYK	0.04, 0.00, 0.17, 0.29
HSL	75°, 17%, 65%
HSV	75°, 17%, 71%
XYZ	39.2672, 44.1340, 35.3025
YIQ	175.0740, 5.1830, -11.3370

# Conversions

## Conversions Part 2

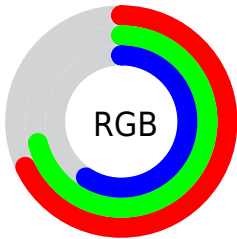
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 181, 158
Decimal	11384214
CIELab	72.32, -8.29, 14.88
CIELCh	72, 17.029, 119.128
Yxy	44.1340, 0.3308, 0.3718
Android (android.graphics.Color)	4289574294 (0xFFADB596)
YUV	175.0740, -12.3615, -1.8189
Hunter-Lab	66.4334, -10.7516, 14.9969

# Details

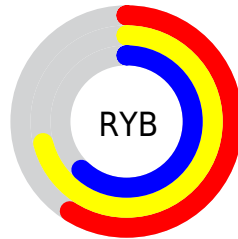
The Yxy color **44.1340, 0.3308, 0.3718** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.4143, 0.2925, 0.2844**, and the grayscale version is **42.9763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5860, 0.3280, 0.3641**, and **20.3323, 0.3353, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **43.0759, 0.3413, 0.3983**, and if you desaturate by 10%, it is **45.3045, 0.3202, 0.3463**.

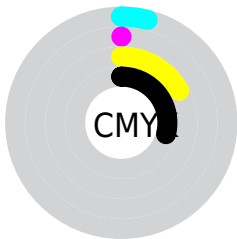
# Distribution



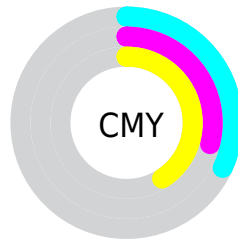
- Red (68%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)




- Cyan (32%)
- Magenta (29%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1340, 0.3308, 0.3718 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 44.1340, 0.3308, 0.3718 by changing the saturation by 10% instead.





 44.1340, 0.3308,  
0.3718


 44.1340, 0.3308,  
0.3718


363.2548, 0.3219,  
0.3499

 30.7759, 0.3330,  
0.3775


 81.4193, 0.3276,  
0.3637

 20.4282, 0.3357,  
0.3848


 106.1153, 0.3264,  
0.3607

 12.7067, 0.3393,  
0.3948


135.3594, 0.3253,  
0.3582

 7.2269, 0.3442,  
0.4090

169.5360, 0.3245,  
0.3560

 3.6044, 0.3509,  
0.4309

209.0294, 0.3237,  
0.3542

 1.4548, 0.3709,  
0.4818

254.2241, 0.3230,

 0.2566, 0.1394,

0.3525

0.8606

305.5044, 0.3224,  
0.3511

0.0000, 0.0000,  
0.0000

44.1340, 0.3308,  
0.3718

44.1340, 0.3308,  
0.3718

43.0759, 0.3413,  
0.3983

45.3045, 0.3202,  
0.3463

42.1201, 0.3513,  
0.4251

46.5857, 0.3097,  
0.3223

41.2639, 0.3602,  
0.4514

47.9832, 0.2997,  
0.2999

40.5022, 0.3677,  
0.4760

49.5007, 0.2902,  
0.2794

39.8296, 0.3732,  
0.4978

51.1417, 0.2813,  
0.2608

■ 39.2398, 0.3764,  
0.5159

■ 52.6756, 0.2753,  
0.2473

■ 38.7255, 0.3770,  
0.5294

■ 53.3299, 0.2787,  
0.2481

■ 38.2765, 0.3753,  
0.5385

■ 54.0038, 0.2821,  
0.2488

■ 38.1540, 0.3746,  
0.5408

■ 54.6976, 0.2855,  
0.2496

# Harmonies

## Analogous

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



44.1340, 0.3508, 0.3683



44.1340, 0.3308, 0.3718



44.1340, 0.3065, 0.3627

# Triad

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



44.1340, 0.3308, 0.3718



44.1340, 0.2670, 0.3012



44.1340, 0.3410, 0.3146

# Complementary

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



44.1340, 0.3308, 0.3718



32.4143, 0.2925, 0.2844

# 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.



44.1340, 0.3175, 0.2984



44.1340, 0.3308, 0.3718



44.1340, 0.2753, 0.2903

# Square

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



44.1340, 0.3308, 0.3718



44.1340, 0.2703, 0.3205



44.1340, 0.2935, 0.2895



44.1340, 0.3570, 0.3348



# Rectangle

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



44.1340, 0.3308, 0.3718



44.1340, 0.2912, 0.3506



44.1340, 0.2935, 0.2895



44.1340, 0.3337, 0.3086

# Sweetspot

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



44.1359, 0.3308, 0.3718



81.5950, 0.3180, 0.3413



36.3934, 0.3431, 0.3399



17.6023, 0.3188, 0.3430



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290



# Same Dimension

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



44.1359, 0.3308, 0.3718



78.2246, 0.3353, 0.3829



42.4919, 0.3172, 0.3736



9.7946, 0.3225, 0.3518



26.3383, 0.3752, 0.5403



0.8547, 0.3881, 0.5300



# Inverse Universe

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



32.4143, 0.2925, 0.2844



52.8181, 0.2868, 0.2722



34.0610, 0.3071, 0.2863



8.3322, 0.3024, 0.3057



2.7376, 0.1664, 0.0690



0.1147, 0.1971, 0.0859



# Previews

## White Background



This preview shows how the Yxy color 44.1340, 0.3308, 0.3718 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

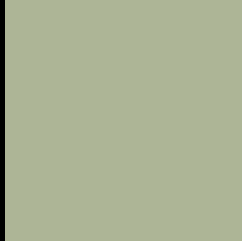
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.1340, 0.3308, 0.3718 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

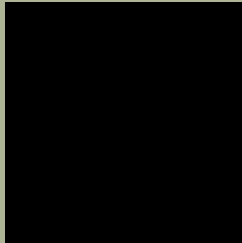
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

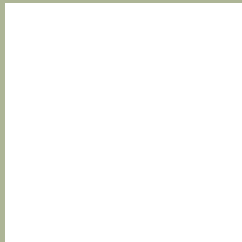
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 44.1340, 0.3308, 0.3718**

## Background



This preview shows how black text looks on a background with the Yxy color 44.1340, 0.3308, 0.3718.



This preview shows how white text looks on a background with the Yxy color 44.1340, 0.3308, 0.3718.

# 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

44.1340, 0.3308, 0.3718

### Protanopia

44.1472, 0.3462, 0.3677

### Deuteranopia

44.0893, 0.3594, 0.3533



## Tritanopia

44.3085, 0.3049, 0.3120

# Trichromacy



## Original Color

44.1340, 0.3308, 0.3718

## Protanomaly

43.9558, 0.3404, 0.3682

## Deuteranomaly

44.1008, 0.3488, 0.3606

## Tritanomaly

44.2830, 0.3143, 0.3330

# Monochromacy



## Original Color

44.1340, 0.3308, 0.3718

## Achromatopsia

42.8690, 0.3127, 0.3290

## Achromatomaly

43.1961, 0.3191, 0.3440

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.1340, 0.3308, 0.3718 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(173, 181, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 150)  
}
```

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(173, 181, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 150) }
```

## Border

The CSS property to change the border of an element to Yxy 44.1340, 0.3308, 0.3718 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(173, 181, 150) }
```

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

```
.border{ border-color:rgb(173, 181, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 181, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 181, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 181, 150);  
box-shadow:4px 4px 4px 4px rgb(173, 181,  
150) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.1340, 0.3308, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 150) }
```

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

```
.background{ background-color: rgb(173,  
181, 150) }
```

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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