

# Converting Colors

$Yxy(41.8077, 0.3498, 0.3475)$

Have a look what the booklet for  
Yxy(41.8077, 0.3498, 0.3475)  
contains.

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# Color

**Yxy(41.8077, 0.3498, 0.3475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2A89A
RGB	194, 168, 154
RGB Percent	76%, 66%, 60%
CMY	0.2392, 0.3412, 0.3961
CMYK	0.00, 0.13, 0.21, 0.24
HSL	21°, 25%, 68%
HSV	21°, 21%, 76%
XYZ	42.0844, 41.8077, 36.4178
YIQ	174.1780, 19.9900, 1.1580

# Conversions

## Conversions Part 2

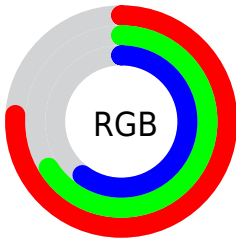
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 176, 154
Decimal	12757146
CIELab	70.74, 7.22, 10.72
CIElCh	71, 12.925, 56.031
Yxy	41.8077, 0.3498, 0.3475
Android (android.graphics.Color)	4290947226 (0xFFC2A89A)
YUV	174.1780, -9.9478, 17.3839
Hunter-Lab	64.6589, 3.0270, 11.8673

# Details

The Yxy color  $41.8077, 0.3498, 0.3475$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $43.4051, 0.2810, 0.3097$ , and the grayscale version is  $42.4691, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $77.8386, 0.3432, 0.3444$ , and  $19.0455, 0.3610, 0.3525$  is the 20% darker color. If you saturate the color by 10%, you get  $36.7828, 0.3726, 0.3571$ , and if you desaturate by 10%, it is  $47.3922, 0.3303, 0.3383$ .

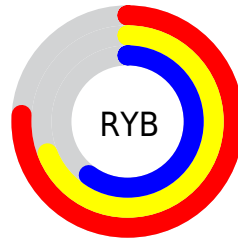
# Distribution



Red (76%)

Green (66%)

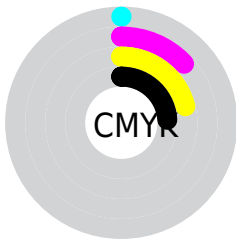
Blue (60%)



Red (76%)

Yellow (69%)

Blue (60%)

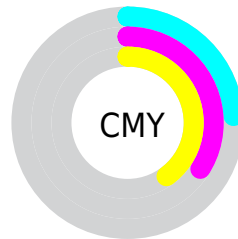


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (34%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8077, 0.3498, 0.3475 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 41.8077, 0.3498, 0.3475 by changing the saturation by 10% instead.





 41.8077, 0.3498,  
0.3475


 41.8077, 0.3498,  
0.3475


353.6852, 0.3308,  
0.3383

 28.9507, 0.3547,  
0.3498


 77.9085, 0.3428,  
0.3442

 19.0436, 0.3610,  
0.3526


 101.9211, 0.3402,  
0.3429

 11.7018, 0.3696,  
0.3564


130.4211, 0.3380,  
0.3419

 6.5409, 0.3819,  
0.3615

163.7929, 0.3361,  
0.3410

 3.1767, 0.4008,  
0.3689

202.4207, 0.3345,  
0.3402

 1.2247, 0.4411,  
0.3868

246.6892, 0.3331,

 0.0817, 0.7566,

0.3395

0.2434

296.9825, 0.3319,  
0.3389

0.0000, 0.0000,  
0.0000

41.8077, 0.3498,  
0.3475

41.8077, 0.3498,  
0.3475

36.7828, 0.3726,  
0.3571

47.3922, 0.3303,  
0.3383

32.2941, 0.3990,  
0.3666

53.5476, 0.3137,  
0.3295

28.3246, 0.4288,  
0.3754

60.2920, 0.2996,  
0.3214

24.8544, 0.4617,  
0.3825

67.6408, 0.2875,  
0.3140

21.8621, 0.4961,  
0.3869

75.6091, 0.2773,  
0.3072

■ 19.3245, 0.5300,  
0.3872

■ 83.1796, 0.2763,  
0.3168

■ 17.2159, 0.5602,  
0.3826

■ 90.2106, 0.2773,  
0.3289

■ 15.5972, 0.5839,  
0.3746

# Harmonies

## Analogous

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



41.8077, 0.3460, 0.3321



41.8077, 0.3498, 0.3475



41.8077, 0.3434, 0.3587

# Triad

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



41.8077, 0.3498, 0.3475



41.8077, 0.2925, 0.3419



41.8077, 0.2962, 0.2979

# Complementary

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



41.8077, 0.3498, 0.3475



43.4051, 0.2810, 0.3097

# 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.



41.8077, 0.2826, 0.2995



41.8077, 0.3498, 0.3475



41.8077, 0.2805, 0.3245

# Square

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



41.8077, 0.3498, 0.3475



41.8077, 0.3100, 0.3559



41.8077, 0.2770, 0.3090



41.8077, 0.3146, 0.3041



# Rectangle

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



41.8077, 0.3498, 0.3475



41.8077, 0.3343, 0.3619



41.8077, 0.2770, 0.3090



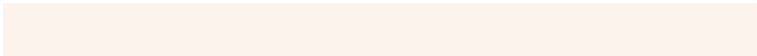
41.8077, 0.2909, 0.2975

# Sweetspot

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



41.8096, 0.3498, 0.3475



90.7779, 0.3224, 0.3342



37.8734, 0.3280, 0.2954



19.7178, 0.3235, 0.3348



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.



41.8096, 0.3498, 0.3475



71.2746, 0.3602, 0.3520



49.7726, 0.3449, 0.3726



10.6420, 0.3280, 0.3371



10.3939, 0.5815, 0.3765



0.5794, 0.5382, 0.4109

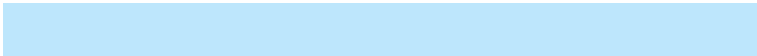


# Inverse Universe

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



43.4051, 0.2810, 0.3097



74.7074, 0.2737, 0.3047



35.9031, 0.2792, 0.2813



10.8155, 0.2984, 0.3207



12.5412, 0.1921, 0.2115



0.6671, 0.2002, 0.2407



# Previews

## White Background



This preview shows how the Yxy color 41.8077, 0.3498, 0.3475 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 41.8077, 0.3498, 0.3475 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

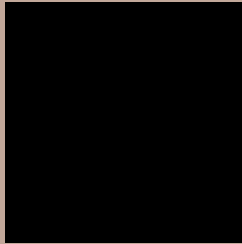
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 41.8077, 0.3498, 0.3475**

## **Background**



This preview shows how black text looks on a background with the Yxy color 41.8077, 0.3498, 0.3475.



This preview shows how white text looks on a background with the Yxy color 41.8077, 0.3498, 0.3475.

# 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

41.8077, 0.3498, 0.3475

### Protanopia

41.9907, 0.3336, 0.3522

### Deuteranopia

41.8408, 0.3529, 0.3460



## Tritanopia

41.9549, 0.3322, 0.3137

# Trichromacy



**Original Color**

41.8077, 0.3498, 0.3475

**Protanomaly**

41.8067, 0.3395, 0.3506

**Deuteranomaly**

41.7063, 0.3520, 0.3461

**Tritanomaly**

41.8728, 0.3383, 0.3252

# Monochromacy



**Original Color**

41.8077, 0.3498, 0.3475

**Achromatopsia**

42.3268, 0.3127, 0.3290

**Achromatomaly**

42.1188, 0.3251, 0.3358

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 41.8077, 0.3498, 0.3475 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(194, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(194, 168, 154)  
}
```

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(194, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 168, 154) }
```

## Border

The CSS property to change the border of an element to Yxy 41.8077, 0.3498, 0.3475 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(194, 168, 154) }
```

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

```
.border{ border-color:rgb(194, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(194, 168,  
154) }
```



# Background

The CSS property to change the background color of an element to Yxy 41.8077, 0.3498, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 168, 154) }
```

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

```
.background{ background-color: rgb(194,  
168, 154) }
```

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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