

# Converting Colors

Yxy(39.2689, 0.3943, 0.3492)

Have a look what the booklet for  
Yxy(39.2689, 0.3943, 0.3492)  
contains.

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# Color

**Yxy(39.1875, 0.3938, 0.3489)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D89989
RGB	216, 153, 137
RGB Percent	85%, 60%, 54%
CMY	0.1528, 0.4000, 0.4627
CMYK	0.00, 0.29, 0.37, 0.15
HSL	12°, 50%, 69%
HSV	12°, 37%, 85%
XYZ	44.2305, 39.1875, 28.8992
YIQ	170.0130, 42.6840, 8.3800

# Conversions

## Conversions Part 2

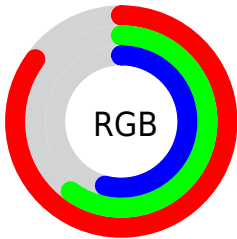
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 157, 137
Decimal	14195081
CIE Lab	68.89, 21.57, 17.83
CIE LCh	69, 27.985, 39.569
Yxy	39.1875, 0.3938, 0.3489
Android (android.graphics.Color)	4292385161 (0xFFD89989)
YUV	170.0130, -16.2754, 40.3306
Hunter-Lab	62.5999, 16.5709, 16.4487

# Details

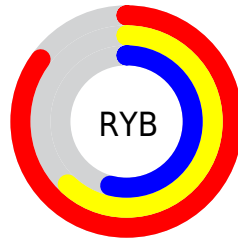
The Yxy color **39.1875, 0.3938, 0.3489** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.5994, 0.2588, 0.3078**, and the grayscale version is **40.2733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0895, 0.3626, 0.3477**, and **17.5618, 0.4184, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **33.3916, 0.4266, 0.3542**, and if you desaturate by 10%, it is **45.9257, 0.3660, 0.3433**.

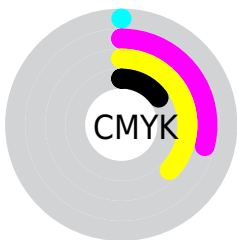
# Distribution



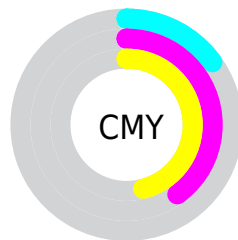
- Red (85%)
- Green (60%)
- Blue (54%)



- Red (85%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (37%)
- Black (15%)




- Cyan (15%)
- Magenta (40%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1875, 0.3938, 0.3489 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 39.1875, 0.3938, 0.3489 by changing the saturation by 10% instead.




 39.1875, 0.3938,  
0.3489

 39.1875, 0.3938,  
0.3489


342.6870, 0.3517,  
0.3400


 26.9056, 0.4047,  
0.3507


 73.9247, 0.3782,  
0.3459

 17.5024, 0.4190,  
0.3528


 97.1487, 0.3724,  
0.3447

 10.5933, 0.4384,  
0.3550


 124.7890, 0.3675,  
0.3437

 5.7941, 0.4659,  
0.3569

157.2299, 0.3634,  
0.3428

 2.7203, 0.5074,  
0.3571

194.8557, 0.3599,  
0.3420

 0.9875, 0.6222,  
0.3778

238.0509, 0.3568,

 0.0000, 1.0000,

0.3412

0.0000

287.1999, 0.3541,  
0.3406

0.0000, 0.0000,  
0.0000

39.1875, 0.3938,  
0.3489

39.1875, 0.3938,  
0.3489

33.3916, 0.4266,  
0.3542

45.9257, 0.3660,  
0.3433

28.4902, 0.4641,  
0.3585

53.6400, 0.3428,  
0.3376

24.4396, 0.5049,  
0.3610

62.3695, 0.3235,  
0.3323

21.1902, 0.5461,  
0.3606

72.1495, 0.3076,  
0.3274

18.6870, 0.5830,  
0.3567

83.0135, 0.2944,  
0.3228

■ 16.8671, 0.6109,  
0.3494

■ 93.3425, 0.2894,  
0.3289

■ 16.3834, 0.6187,  
0.3469

# Harmonies

## Analogous

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



39.1875, 0.3729, 0.3154



39.1875, 0.3938, 0.3489



39.1875, 0.3910, 0.3801

# Triad

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



39.1875, 0.3938, 0.3489



39.1875, 0.2874, 0.3780



39.1875, 0.2587, 0.2621

# Complementary

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



39.1875, 0.3938, 0.3489



51.5994, 0.2588, 0.3078

# 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.



39.1875, 0.2393, 0.2731



39.1875, 0.3938, 0.3489



39.1875, 0.2549, 0.3393

# Square

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



39.1875, 0.3938, 0.3489



39.1875, 0.3282, 0.4011



39.1875, 0.2379, 0.3004



39.1875, 0.2930, 0.2673



# Rectangle

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



39.1875, 0.3938, 0.3489



39.1875, 0.3766, 0.3955



39.1875, 0.2379, 0.3004



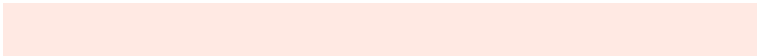
39.1875, 0.2504, 0.2639

# Sweetspot

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



39.1894, 0.3938, 0.3489



84.8704, 0.3318, 0.3347



36.6742, 0.3320, 0.2551



17.7944, 0.3344, 0.3354



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.



39.1894, 0.3938, 0.3489



50.3316, 0.4191, 0.3531



54.2470, 0.3767, 0.3948



12.8238, 0.3286, 0.3338



9.8186, 0.6164, 0.3488



0.7117, 0.5832, 0.3752

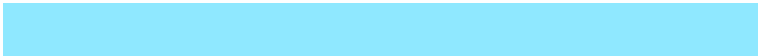


# Inverse Universe

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



51.5994, 0.2588, 0.3078



70.9186, 0.2486, 0.3025



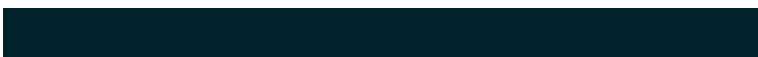
35.6650, 0.2510, 0.2528



13.6610, 0.2983, 0.3242



20.6189, 0.2064, 0.2631



1.3543, 0.2099, 0.2757



# Previews

## White Background



This preview shows how the Yxy color 39.1875, 0.3938, 0.3489 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 39.1875, 0.3938, 0.3489 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

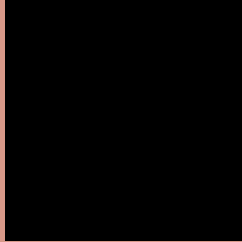
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.1875, 0.3938, 0.3489**

## Background



This preview shows how black text looks on a background with the Yxy color 39.1875, 0.3938, 0.3489.



This preview shows how white text looks on a background with the Yxy color 39.1875, 0.3938, 0.3489.

# 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

39.1875, 0.3938, 0.3489

### Protanopia

39.3660, 0.3424, 0.3626

### Deuteranopia

39.3257, 0.3717, 0.3649



## Tritanopia

39.2913, 0.3718, 0.3158

# Trichromacy



**Original Color**

39.1875, 0.3938, 0.3489

**Protanomaly**

39.1938, 0.3605, 0.3587

**Deuteranomaly**

39.2704, 0.3790, 0.3589

**Tritanomaly**

39.1519, 0.3799, 0.3280

# Monochromacy



**Original Color**

39.1875, 0.3938, 0.3489

**Achromatopsia**

40.1978, 0.3127, 0.3290

**Achromatomaly**

39.5843, 0.3402, 0.3372

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.1875, 0.3938, 0.3489 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(216, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(216, 153, 137)  
}
```

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(216, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 153, 137) }
```

## Border

The CSS property to change the border of an element to Yxy 39.1875, 0.3938, 0.3489 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(216, 153, 137) }
```

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

```
.border{ border-color:rgb(216, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(216, 153,  
137) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.1875, 0.3938, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 153, 137) }
```

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

```
.background{ background-color: rgb(216,  
153, 137) }
```

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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