

# Converting Colors

$Yxy(39.3530, 0.3581, 0.3532)$

Have a look what the booklet for  
Yxy(39.3530, 0.3581, 0.3532)  
contains.

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# Color

**Yxy(39.4452, 0.3577, 0.3532)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0A391
RGB	192, 163, 145
RGB Percent	75%, 64%, 57%
CMY	0.2470, 0.3608, 0.4315
CMYK	0.00, 0.15, 0.24, 0.25
HSL	23°, 27%, 66%
HSV	23°, 24%, 75%
XYZ	39.9478, 39.4452, 32.2865
YIQ	169.6190, 23.0620, 0.5500

# Conversions

## Conversions Part 2

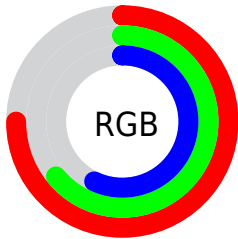
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 174, 145
Decimal	12624785
CIE <sub>Lab</sub>	69.07, 7.84, 13.31
CIE <sub>LCh</sub>	69, 15.446, 59.501
Yxy	39.4452, 0.3577, 0.3532
Android (android.graphics.Color)	4290814865 (0xFFC0A391)
YUV	169.6190, -12.1372, 19.6281
Hunter-Lab	62.8054, 3.6265, 13.4844

# Details

The Yxy color **39.4452, 0.3577, 0.3532** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0933, 0.2749, 0.3035**, and the grayscale version is **40.0527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4061, 0.3490, 0.3488**, and **17.5984, 0.3714, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **34.8929, 0.3813, 0.3637**, and if you desaturate by 10%, it is **44.4951, 0.3373, 0.3429**.

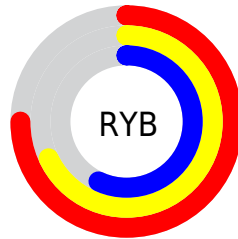
# Distribution



Red (75%)

Green (64%)

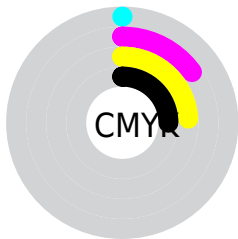
Blue (57%)



Red (75%)

Yellow (68%)

Blue (57%)

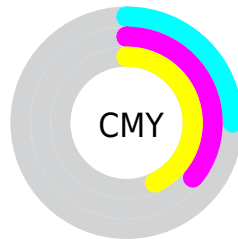


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (36%)


Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4452, 0.3577, 0.3532 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 39.4452, 0.3577, 0.3532 by changing the saturation by 10% instead.





 39.4452, 0.3577,  
0.3532


 39.4452, 0.3577,  
0.3532


343.7796, 0.3344,  
0.3411

 27.1062, 0.3637,  
0.3562

 74.3179, 0.3491,  
0.3488

 17.6530, 0.3717,  
0.3600


 97.6205, 0.3459,  
0.3472

 10.7012, 0.3824,  
0.3650


125.3464, 0.3432,  
0.3458

 5.8663, 0.3979,  
0.3718

157.8800, 0.3409,  
0.3446

 2.7639, 0.4218,  
0.3813

195.6058, 0.3390,  
0.3436

 1.0098, 0.5024,  
0.4284

238.9080, 0.3373,

 0.0000, 1.0000,

0.3426


0.0000


288.1711, 0.3358,  
0.3418


 0.0000, 0.0000,  
0.0000


 39.4452, 0.3577,  
0.3532


 39.4452, 0.3577,  
0.3532


 34.8929, 0.3813,  
0.3637


 44.4951, 0.3373,  
0.3429


 30.8171, 0.4082,  
0.3738


 50.0524, 0.3197,  
0.3332


 27.2029, 0.4382,  
0.3829

 56.1330, 0.3048,  
0.3241

 24.0324, 0.4704,  
0.3899

 62.7509, 0.2919,  
0.3157

 21.2865, 0.5033,  
0.3936

 69.9191, 0.2810,  
0.3079

■ 18.9444, 0.5346,  
0.3926

■ 77.3118, 0.2743,  
0.3063

■ 16.9826, 0.5616,  
0.3865

■ 84.2855, 0.2754,  
0.3192

■ 16.0495, 0.5748,  
0.3818

■ 89.9486, 0.2763,  
0.3289

# Harmonies

## Analogous

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



39.4452, 0.3545, 0.3348



39.4452, 0.3577, 0.3532



39.4452, 0.3484, 0.3661

# Triad

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



39.4452, 0.3577, 0.3532



39.4452, 0.2860, 0.3423



39.4452, 0.2949, 0.2918

# Complementary

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



39.4452, 0.3577, 0.3532



40.0933, 0.2749, 0.3035

# 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.



39.4452, 0.2776, 0.2924



39.4452, 0.3577, 0.3532



39.4452, 0.2726, 0.3208

# Square

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



39.4452, 0.3577, 0.3532



39.4452, 0.3067, 0.3605



39.4452, 0.2696, 0.3027



39.4452, 0.3176, 0.3002



# Rectangle

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



39.4452, 0.3577, 0.3532



39.4452, 0.3366, 0.3695



39.4452, 0.2696, 0.3027



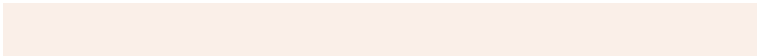
39.4452, 0.2883, 0.2909

# Sweetspot

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



39.4470, 0.3577, 0.3532



87.9522, 0.3241, 0.3357



34.5385, 0.3322, 0.2899



18.7353, 0.3251, 0.3363



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



39.4470, 0.3577, 0.3532



67.2543, 0.3690, 0.3584



48.2624, 0.3510, 0.3819



10.6965, 0.3280, 0.3379



10.9379, 0.5725, 0.3836



0.6061, 0.5309, 0.4167

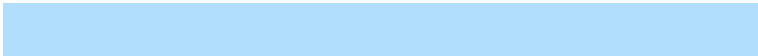


# Inverse Universe

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



40.0933, 0.2749, 0.3035



68.6058, 0.2673, 0.2975



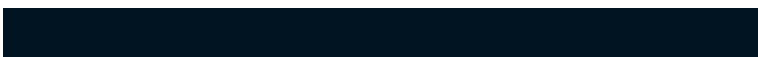
32.0376, 0.2721, 0.2699



10.7591, 0.2984, 0.3200



11.5024, 0.1888, 0.1998



0.6269, 0.1977, 0.2318



# Previews

## White Background



This preview shows how the Yxy color 39.4452, 0.3577, 0.3532 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 39.4452, 0.3577, 0.3532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

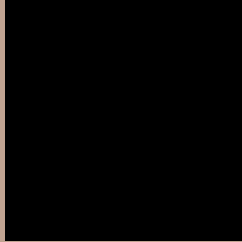
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 39.4452, 0.3577, 0.3532**

## Background



This preview shows how black text looks on a background with the Yxy color 39.4452, 0.3577, 0.3532.



This preview shows how white text looks on a background with the Yxy color 39.4452, 0.3577, 0.3532.

# 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

39.4452, 0.3577, 0.3532

### Protanopia

39.4905, 0.3388, 0.3569

### Deuteranopia

39.2225, 0.3590, 0.3518



## Tritanopia

39.3769, 0.3358, 0.3122

# Trichromacy



## Original Color

39.4452, 0.3577, 0.3532

## Protanomaly

39.3241, 0.3450, 0.3552

## Deuteranomaly

39.2225, 0.3590, 0.3518

## Tritanomaly

39.2196, 0.3441, 0.3265

# Monochromacy



## Original Color

39.4452, 0.3577, 0.3532

## Achromatopsia

40.1978, 0.3127, 0.3290

## Achromatomaly

39.6756, 0.3283, 0.3373

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 39.4452, 0.3577, 0.3532 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(192, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(192, 163, 145)  
}
```

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(192, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 163, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 39.4452, 0.3577, 0.3532 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(192, 163, 145) }
```

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

```
.border{ border-color:rgb(192, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(192, 163,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 39.4452, 0.3577, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 163, 145) }
```

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

```
.background{ background-color: rgb(192,  
163, 145) }
```

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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