

Converting Colors

$Yxy(39.8581, 0.3532, 0.3554)$

Have a look what the booklet for
Yxy(39.8581, 0.3532, 0.3554)
contains.

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Color

Yxy(39.8044, 0.3531, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	BDA592
RGB	189, 165, 146
RGB Percent	74%, 65%, 57%
CMY	0.2589, 0.3529, 0.4274
CMYK	0.00, 0.13, 0.23, 0.26
HSL	27°, 25%, 66%
HSV	27°, 23%, 74%
XYZ	39.6248, 39.8044, 32.7907
YIQ	170.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

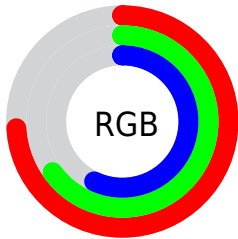
Format	Color
R_{YB}	189, 180, 146
Decimal	12428690
CIE Lab	69.33, 5.72, 13.06
CIE LCh	69, 14.259, 66.360
Yxy	39.8044, 0.3531, 0.3547
Android (android.graphics.Color)	4290618770 (0xFFBDA592)
YUV	170.0100, -11.8369, 16.6542
Hunter-Lab	63.0907, 1.7002, 13.3482

Details

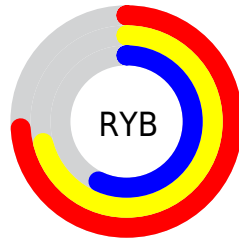
The Yxy color **39.8044, 0.3531, 0.3547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5206, 0.2774, 0.3018**, and the grayscale version is **40.2559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9494, 0.3456, 0.3499**, and **17.7874, 0.3661, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **35.6194, 0.3752, 0.3667**, and if you desaturate by 10%, it is **44.4034, 0.3337, 0.3430**.

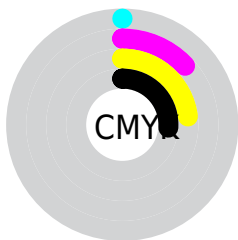
Distribution



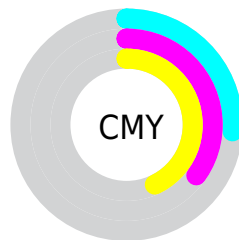
- Red (74%)
- Green (65%)
- Blue (57%)



- Red (74%)
- Yellow (71%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8044, 0.3531, 0.3547 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 39.8044, 0.3531, 0.3547 by changing the saturation by 10% instead.


 39.8044, 0.3531,
0.3547


 39.8044, 0.3531,
0.3547


345.2985, 0.3323,
0.3418

 27.3861, 0.3585,
0.3579


 74.8656, 0.3454,
0.3500

 17.8634, 0.3655,
0.3621


 98.2772, 0.3425,
0.3482

 10.8519, 0.3751,
0.3676


126.1221, 0.3401,
0.3467

 5.9674, 0.3888,
0.3752

158.7845, 0.3381,
0.3455

 2.8252, 0.4100,
0.3862

196.6490, 0.3363,
0.3444

 1.0412, 0.4794,
0.4328

240.0999, 0.3348,

 0.0000, 1.0000,

0.3434

0.0000

289.5216, 0.3335,
0.3425

0.0000, 0.0000,
0.0000

39.8044, 0.3531,
0.3547

39.8044, 0.3531,
0.3547

35.6194, 0.3752,
0.3667

44.4034, 0.3337,
0.3430

31.8308, 0.4002,
0.3784

49.4228, 0.3169,
0.3319

28.4274, 0.4278,
0.3893

54.8755, 0.3024,
0.3215

25.3953, 0.4572,
0.3981

60.7722, 0.2898,
0.3120

22.7198, 0.4873,
0.4038

67.1233, 0.2790,
0.3031

■ 20.3847, 0.5161,
0.4049

■ 73.6528, 0.2719,
0.2997

■ 18.3719, 0.5415,
0.4008

■ 79.6363, 0.2730,
0.3114

■ 17.0941, 0.5578,
0.3953

■ 85.9795, 0.2741,
0.3228

■ 89.5553, 0.2747,
0.3289

Harmonies

Analogous

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



39.8044, 0.3528, 0.3385



39.8044, 0.3531, 0.3547



39.8044, 0.3422, 0.3647

Triad

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



39.8044, 0.3531, 0.3547



39.8044, 0.2845, 0.3368



39.8044, 0.3009, 0.2957

Complementary

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



39.8044, 0.3531, 0.3547



38.5206, 0.2774, 0.3018

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.



39.8044, 0.2834, 0.2943



39.8044, 0.3531, 0.3547



39.8044, 0.2742, 0.3173

Square

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



39.8044, 0.3531, 0.3547



39.8044, 0.3024, 0.3547



39.8044, 0.2738, 0.3019



39.8044, 0.3221, 0.3052

Rectangle

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



39.8044, 0.3531, 0.3547



39.8044, 0.3303, 0.3661



39.8044, 0.2738, 0.3019



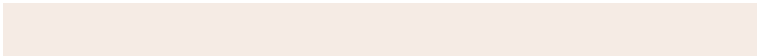
39.8044, 0.2944, 0.2943

Sweetspot

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



39.8062, 0.3531, 0.3547



84.5163, 0.3240, 0.3367



34.2906, 0.3334, 0.2965



18.0589, 0.3250, 0.3374



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



39.8062, 0.3531, 0.3547



67.7040, 0.3631, 0.3603



48.0541, 0.3473, 0.3815



10.2123, 0.3278, 0.3392



11.6524, 0.5556, 0.3970



0.5869, 0.5150, 0.4293

Inverse Universe

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



38.5206, 0.2774, 0.3018



65.0151, 0.2700, 0.2954



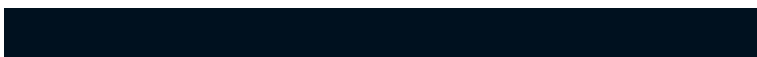
31.2384, 0.2750, 0.2705



10.0838, 0.2984, 0.3186



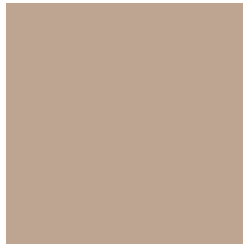
9.4774, 0.1831, 0.1793



0.4997, 0.1941, 0.2187

Previews

White Background



This preview shows how the Yxy color 39.8044, 0.3531, 0.3547 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 39.8044, 0.3531, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

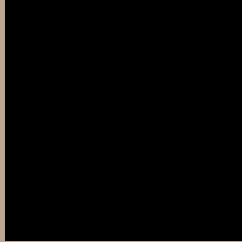
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8044, 0.3531, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 39.8044, 0.3531, 0.3547.



This preview shows how white text looks on a background with the Yxy color 39.8044, 0.3531, 0.3547.

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

39.8044, 0.3531, 0.3547

Protanopia

39.8612, 0.3386, 0.3583

Deuteranopia

39.7390, 0.3587, 0.3517



Tritanopia

39.7522, 0.3307, 0.3121

Trichromacy



Original Color

39.8044, 0.3531, 0.3547

Protanomaly

39.9356, 0.3436, 0.3580

Deuteranomaly

39.8327, 0.3564, 0.3531

Tritanomaly

39.5974, 0.3389, 0.3264

Monochromacy



Original Color

39.8044, 0.3531, 0.3547

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.9256, 0.3272, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8044, 0.3531, 0.3547 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(189, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 165, 146)  
}
```

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(189, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 165, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.8044, 0.3531, 0.3547 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(189, 165, 146) }
```

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

```
.border{ border-color:rgb(189, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 165,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8044, 0.3531, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 165, 146) }
```

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

```
.background{ background-color: rgb(189,  
165, 146) }
```

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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