

Converting Colors

$Yxy(39.6088, 0.3440, 0.3412)$

Have a look what the booklet for
Yxy(39.6088, 0.3440, 0.3412)
contains.

Yxy(39.6088, 0.3440, 0.3412)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6088, 0.3440, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	BCA49B
RGB	188, 164, 155
RGB Percent	74%, 64%, 61%
CMY	0.2627, 0.3569, 0.3922
CMYK	0.00, 0.13, 0.18, 0.26
HSL	16°, 20%, 67%
HSV	16°, 18%, 74%
XYZ	39.9338, 39.6088, 36.5441
YIQ	170.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

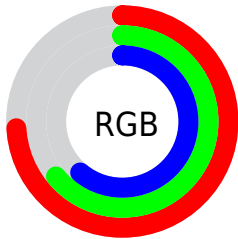
Format	Color
RYB	188, 167, 155
Decimal	12362907
CIELab	69.19, 7.29, 7.89
CIELCh	69, 10.742, 47.264
Yxy	39.6088, 0.3440, 0.3412
Android (android.graphics.Color)	4290552987 (0xFFBCA49B)
YUV	170.1500, -7.4689, 15.6545
Hunter-Lab	62.9355, 3.1246, 9.6276

Details

The Yxy color **39.6088, 0.3440, 0.3412** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.8432, 0.2860, 0.3165**, and the grayscale version is **40.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4996, 0.3379, 0.3395**, and **17.6561, 0.3531, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **34.3936, 0.3666, 0.3487**, and if you desaturate by 10%, it is **45.4521, 0.3250, 0.3341**.

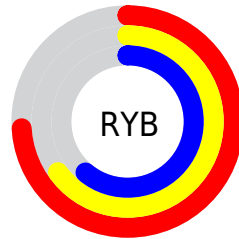
Distribution



Red (74%)

Green (64%)

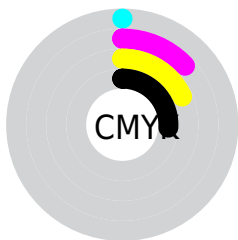
Blue (61%)



Red (74%)

Yellow (65%)

Blue (61%)

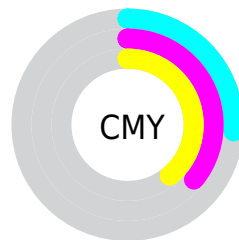


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6088, 0.3440, 0.3412 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 39.6088, 0.3440, 0.3412 by changing the saturation by 10% instead.


 39.6088, 0.3440,
0.3412


 39.6088, 0.3440,
0.3412

344.4720, 0.3278,
0.3351

 27.2337, 0.3482,
0.3427


 74.5674, 0.3380,
0.3390

 17.7488, 0.3537,
0.3446


 97.9197, 0.3358,
0.3382

 10.7698, 0.3613,
0.3472


125.6999, 0.3339,
0.3375

 5.9122, 0.3721,
0.3507

158.2922, 0.3323,
0.3369

 2.7918, 0.3892,
0.3557

196.0812, 0.3310,
0.3363

 1.0240, 0.4281,
0.3706

239.4513, 0.3298,

 0.0000, 1.0000,

0.3359

0.0000

288.7867, 0.3288,
0.3355

■ 0.0000, 0.0000,
0.0000

■ 39.6088, 0.3440,
0.3412

■ 39.6088, 0.3440,
0.3412

■ 34.3936, 0.3666,
0.3487

■ 45.4521, 0.3250,
0.3341

■ 29.7801, 0.3932,
0.3561

■ 51.9382, 0.3091,
0.3274

■ 25.7478, 0.4240,
0.3632

■ 59.0880, 0.2957,
0.3213

■ 22.2728, 0.4588,
0.3691

■ 66.9200, 0.2845,
0.3157

■ 19.3298, 0.4963,
0.3728

■ 75.4516, 0.2750,
0.3106

■ 16.8912, 0.5342,
0.3732

■ 83.8479, 0.2733,
0.3193

■ 14.9266, 0.5688,
0.3693

■ 89.4342, 0.2742,
0.3289

■ 13.4001, 0.5966,
0.3615

■ 13.0875, 0.6028,
0.3596

Harmonies

Analogous

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



39.6088, 0.3383, 0.3277



39.6088, 0.3440, 0.3412



39.6088, 0.3411, 0.3520

Triad

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



39.6088, 0.3440, 0.3412



39.6088, 0.2996, 0.3438



39.6088, 0.2948, 0.3022

Complementary

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



39.6088, 0.3440, 0.3412



42.8432, 0.2860, 0.3165

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.



39.6088, 0.2850, 0.3057



39.6088, 0.3440, 0.3412



39.6088, 0.2877, 0.3296

Square

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



39.6088, 0.3440, 0.3412



39.6088, 0.3152, 0.3540



39.6088, 0.2824, 0.3156



39.6088, 0.3096, 0.3056

Rectangle

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



39.6088, 0.3440, 0.3412



39.6088, 0.3347, 0.3560



39.6088, 0.2824, 0.3156



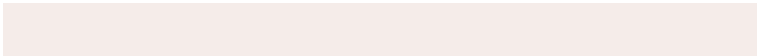
39.6088, 0.2908, 0.3026

Sweetspot

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



39.6106, 0.3440, 0.3412



85.1674, 0.3208, 0.3324



37.3955, 0.3228, 0.2971



18.1424, 0.3220, 0.3329



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.



39.6106, 0.3440, 0.3412



68.0718, 0.3521, 0.3440



45.8297, 0.3404, 0.3624



9.9486, 0.3282, 0.3353



9.0164, 0.6006, 0.3613



0.4663, 0.5520, 0.3999

Inverse Universe

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



42.8432, 0.2860, 0.3165



74.9959, 0.2803, 0.3135



36.6850, 0.2848, 0.2932



10.3573, 0.2985, 0.3226



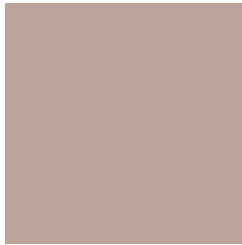
14.7268, 0.1997, 0.2390



0.6803, 0.2064, 0.2631

Previews

White Background



This preview shows how the Yxy color 39.6088, 0.3440, 0.3412 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 39.6088, 0.3440, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

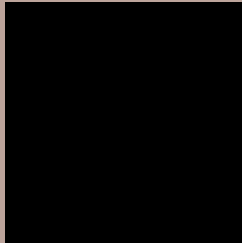
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6088, 0.3440, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 39.6088, 0.3440, 0.3412.



This preview shows how white text looks on a background with the Yxy color 39.6088, 0.3440, 0.3412.

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

39.6088, 0.3440, 0.3412

Protanopia

39.5535, 0.3288, 0.3444

Deuteranopia

39.5081, 0.3462, 0.3398



Tritanopia

39.4929, 0.3288, 0.3120

Trichromacy



Original Color

39.6088, 0.3440, 0.3412

Protanomaly

39.7410, 0.3346, 0.3442

Deuteranomaly

39.3798, 0.3452, 0.3398

Tritanomaly

39.4495, 0.3341, 0.3224

Monochromacy



Original Color

39.6088, 0.3440, 0.3412

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0690, 0.3236, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6088, 0.3440, 0.3412 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(188, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(188, 164, 155)  
}
```

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(188, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 164, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.6088, 0.3440, 0.3412 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(188, 164, 155) }
```

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

```
.border{ border-color:rgb(188, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(188, 164,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6088, 0.3440, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 164, 155) }
```

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

```
.background{ background-color: rgb(188,  
164, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor