

Converting Colors

$Yxy(39.3305, 0.3711, 0.3594)$

Have a look what the booklet for
Yxy(39.3305, 0.3711, 0.3594)
contains.

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Color

Yxy(39.3305, 0.3711, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	C6A18A
RGB	198, 161, 138
RGB Percent	78%, 63%, 54%
CMY	0.2237, 0.3685, 0.4589
CMYK	0.00, 0.19, 0.30, 0.22
HSL	23°, 34%, 66%
HSV	23°, 30%, 78%
XYZ	40.6109, 39.3305, 29.4924
YIQ	169.4410, 29.4350, 0.6910

Conversions

Conversions Part 2

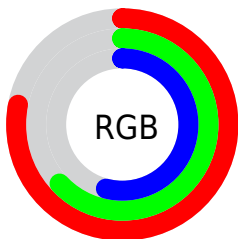
Format	Color
R _Y B	198, 175, 138
Decimal	13017482
CIE Lab	68.99, 10.26, 17.13
CIE LCh	69, 19.966, 59.092
Yxy	39.3305, 0.3711, 0.3594
Android (android.graphics.Color)	4291207562 (0xFFC6A18A)
YUV	169.4410, -15.5004, 25.0462
Hunter-Lab	62.7140, 5.8393, 16.0176

Details

The Yxy color **39.3305, 0.3711, 0.3594** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1057, 0.2659, 0.2964**, and the grayscale version is **39.9723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1333, 0.3599, 0.3548**, and **17.4815, 0.3893, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **34.7542, 0.3967, 0.3698**, and if you desaturate by 10%, it is **44.4304, 0.3488, 0.3489**.

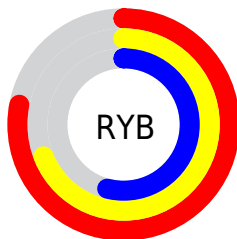
Distribution



Red (78%)

Green (63%)

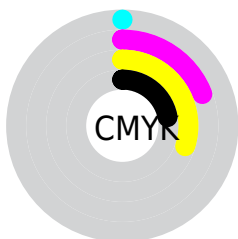
Blue (54%)



Red (78%)

Yellow (69%)

Blue (54%)

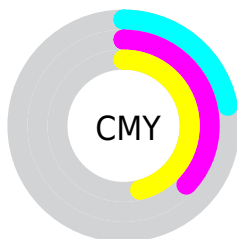


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3305, 0.3711, 0.3594 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 39.3305, 0.3711, 0.3594 by changing the saturation by 10% instead.


 39.3305, 0.3711,
0.3594


 39.3305, 0.3711,
0.3594


343.2936, 0.3409,
0.3444


 27.0169, 0.3789,
0.3630


 74.1429, 0.3599,
0.3540

 17.5859, 0.3892,
0.3676


 97.4106, 0.3558,
0.3520

 10.6531, 0.4030,
0.3734


 125.0984, 0.3523,
0.3503

 5.8341, 0.4227,
0.3810

157.5908, 0.3493,
0.3488

 2.7445, 0.4527,
0.3910

195.2721, 0.3468,
0.3475

 0.9998, 0.5553,
0.4447

238.5267, 0.3446,


 0.0000, 1.0000,


0.3463

0.0000


287.7391, 0.3426,
0.3453


 0.0000, 0.0000,
0.0000


 39.3305, 0.3711,
0.3594


 39.3305, 0.3711,
0.3594


 34.7542, 0.3967,
0.3698


 44.4304, 0.3488,
0.3489

 30.6786, 0.4255,
0.3795


 50.0651, 0.3296,
0.3388

 27.0868, 0.4570,
0.3876


 56.2522, 0.3132,
0.3293


 23.9590, 0.4899,
0.3927


 63.0068, 0.2991,
0.3204

 21.2735, 0.5221,
0.3938

 70.3434, 0.2871,
0.3122

 19.0065, 0.5512,
0.3898

 78.1620, 0.2777,
0.3066

 17.1737, 0.5749,
0.3817

 85.3508, 0.2787,
0.3198

 90.7391, 0.2794,
0.3289

Harmonies

Analogous

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



39.3305, 0.3668, 0.3357



39.3305, 0.3711, 0.3594



39.3305, 0.3590, 0.3767

Triad

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



39.3305, 0.3711, 0.3594



39.3305, 0.2785, 0.3466



39.3305, 0.2893, 0.2814

Complementary

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



39.3305, 0.3711, 0.3594



40.1057, 0.2659, 0.2964

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.



39.3305, 0.2674, 0.2821



39.3305, 0.3711, 0.3594



39.3305, 0.2614, 0.3184

Square

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



39.3305, 0.3711, 0.3594



39.3305, 0.3050, 0.3705



39.3305, 0.2575, 0.2950



39.3305, 0.3184, 0.2921

Rectangle

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



39.3305, 0.3711, 0.3594



39.3305, 0.3436, 0.3816



39.3305, 0.2575, 0.2950



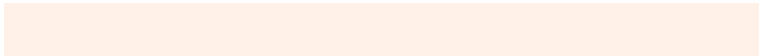
39.3305, 0.2809, 0.2803

Sweetspot

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



39.3323, 0.3711, 0.3594



89.9204, 0.3276, 0.3377



33.2677, 0.3392, 0.2814



18.9145, 0.3302, 0.3391



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.



39.3323, 0.3711, 0.3594



64.5123, 0.3867, 0.3660



51.0762, 0.3603, 0.3959



11.2938, 0.3280, 0.3379



11.3287, 0.5725, 0.3836



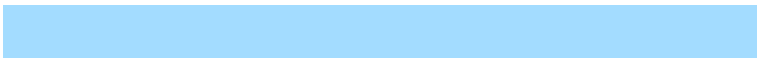
0.6761, 0.5336, 0.4145

Inverse Universe

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



40.1057, 0.2659, 0.2964



66.0754, 0.2563, 0.2885



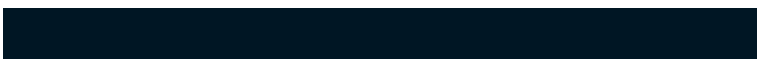
29.7245, 0.2609, 0.2518



11.3567, 0.2984, 0.3199



11.8636, 0.1887, 0.1993



0.6988, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 39.3305, 0.3711, 0.3594 looks on a white background.

Color Contrast Check

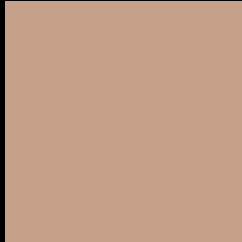
Large Text (above 18pt) WCAG AA × Fail

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 39.3305, 0.3711, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

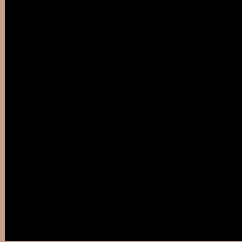
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3305, 0.3711, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 39.3305, 0.3711, 0.3594.



This preview shows how white text looks on a background with the Yxy color 39.3305, 0.3711, 0.3594.

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

39.3305, 0.3711, 0.3594

Protanopia

39.3933, 0.3461, 0.3668

Deuteranopia

39.4114, 0.3688, 0.3609



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.3305, 0.3711, 0.3594

Protanomaly

39.1180, 0.3548, 0.3633

Deuteranomaly

39.5460, 0.3698, 0.3608

Tritanomaly

39.2017, 0.3544, 0.3291

Monochromacy



Original Color

39.3305, 0.3711, 0.3594

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4444, 0.3330, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3305, 0.3711, 0.3594 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(198, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 138)  
}
```

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(198, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 138) }
```

Border

The CSS property to change the border of an element to Yxy 39.3305, 0.3711, 0.3594 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(198, 161, 138) }
```

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

```
.border{ border-color:rgb(198, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3305, 0.3711, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 138) }
```

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

```
.background{ background-color: rgb(198,  
161, 138) }
```

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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