

Converting Colors

$Yxy(33.5711, 0.4038, 0.3959)$

Have a look what the booklet for
Yxy(33.5711, 0.4038, 0.3959)
contains.

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Color

Yxy(33.5711, 0.4038, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	BD9665
RGB	189, 150, 101
RGB Percent	74%, 59%, 40%
CMY	0.2588, 0.4117, 0.6040
CMYK	0.00, 0.21, 0.47, 0.26
HSL	33°, 40%, 57%
HSV	33°, 47%, 74%
XYZ	34.2410, 33.5711, 16.9848
YIQ	156.0750, 38.9730, -6.9710

Conversions

Conversions Part 2

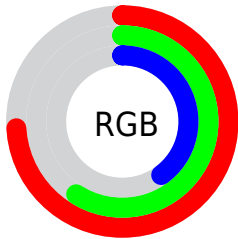
Format	Color
RYB	171, 189, 101
Decimal	12424805
CIELab	64.62, 8.27, 31.34
CIElCh	65, 32.412, 75.218
Yxy	33.5711, 0.4038, 0.3959
Android (android.graphics.Color)	4290614885 (0xFFBD9665)
YUV	156.0750, -27.1520, 28.8752
Hunter-Lab	57.9406, 4.0917, 23.1780

Details

The Yxy color **33.5711, 0.4038, 0.3959** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **25.1922, 0.2372, 0.2498**, and the grayscale version is **33.3919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2598, 0.3859, 0.3834**, and **14.2491, 0.4327, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **30.6660, 0.4283, 0.4088**, and if you desaturate by 10%, it is **36.7556, 0.3806, 0.3816**.

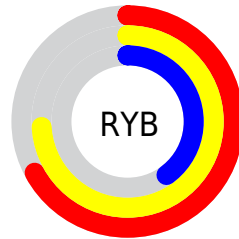
Distribution



Red (74%)

Green (59%)

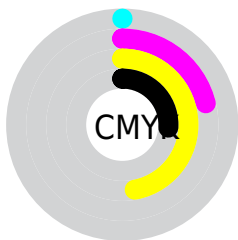
Blue (40%)



Red (67%)

Yellow (74%)

Blue (40%)

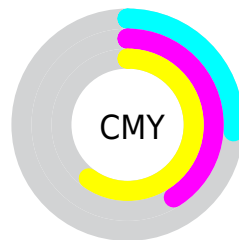


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5711, 0.4038, 0.3959 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 33.5711, 0.4038, 0.3959 by changing the saturation by 10% instead.


 33.5711, 0.4038,
0.3959


 33.5711, 0.4038,
0.3959


318.2153, 0.3562,
0.3624

 22.5643, 0.4160,
0.4039


 65.2661, 0.3862,
0.3839


 14.2721, 0.4317,
0.4137


 86.7232, 0.3796,
0.3793

 8.3102, 0.4523,
0.4256


 112.4324, 0.3741,
0.3754

 4.2941, 0.4804,
0.4400

 142.7782, 0.3695,
0.3721

 1.8394, 0.5328,
0.4672

178.1450, 0.3654,
0.3692

 0.5115, 0.5736,
0.4264

218.9172, 0.3620,

 0.0000, 0.0000,

0.3666

0.0000

265.4792, 0.3589,
0.3644

■ 33.5711, 0.4038,
0.3959

■ 33.5711, 0.4038,
0.3959

■ 30.6660, 0.4283,
0.4088

■ 36.7556, 0.3806,
0.3816

■ 28.0255, 0.4532,
0.4190

■ 40.2240, 0.3593,
0.3668

■ 25.6407, 0.4774,
0.4256

■ 43.9864, 0.3401,
0.3521

■ 23.4993, 0.4995,
0.4273

■ 48.0510, 0.3229,
0.3379

■ 21.5868, 0.5182,
0.4237

■ 52.4257, 0.3077,
0.3245

■ 20.9747, 0.5243,
0.4219

■ 57.1179, 0.2943,
0.3120

■ 62.1348, 0.2826,
0.3005

■ 67.4834, 0.2723,
0.2899

■ 72.0900, 0.2716,
0.2964

Harmonies

Analogous

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



33.5711, 0.4133, 0.3593



33.5711, 0.4038, 0.3959



33.5711, 0.3693, 0.4186

Triad

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



33.5711, 0.4038, 0.3959



33.5711, 0.2374, 0.3314



33.5711, 0.2977, 0.2584

Complementary

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



33.5711, 0.4038, 0.3959



25.1922, 0.2372, 0.2498

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.



33.5711, 0.2540, 0.2485



33.5711, 0.4038, 0.3959



33.5711, 0.2215, 0.2858

Square

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



33.5711, 0.4038, 0.3959



33.5711, 0.2730, 0.3814



33.5711, 0.2274, 0.2572



33.5711, 0.3492, 0.2836

Rectangle

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



33.5711, 0.4038, 0.3959



33.5711, 0.3379, 0.4197



33.5711, 0.2274, 0.2572



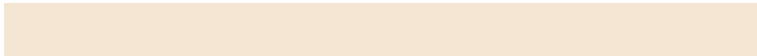
33.5711, 0.2816, 0.2532

Sweetspot

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



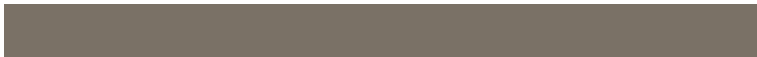
33.5727, 0.4038, 0.3959



80.4357, 0.3359, 0.3487



22.0356, 0.3795, 0.2750



16.9687, 0.3397, 0.3518



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.



33.5727, 0.4038, 0.3959



54.7594, 0.4291, 0.4091



47.5984, 0.3766, 0.4431



10.3937, 0.3275, 0.3418



14.2671, 0.5226, 0.4233



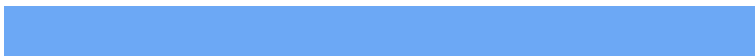
0.6873, 0.4915, 0.4479

Inverse Universe

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



25.1922, 0.2372, 0.2498



37.9226, 0.2207, 0.2281



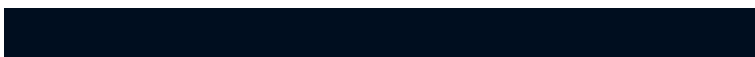
16.0071, 0.2294, 0.1863



9.9024, 0.2984, 0.3159



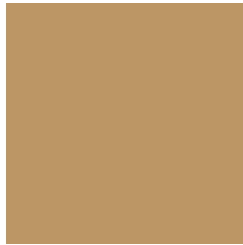
6.8585, 0.1726, 0.1414



0.3991, 0.1857, 0.1885

Previews

White Background



This preview shows how the Yxy color 33.5711, 0.4038, 0.3959 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 33.5711, 0.4038, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

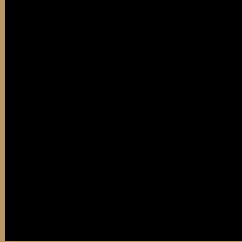
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5711, 0.4038, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 33.5711, 0.4038, 0.3959.



This preview shows how white text looks on a background with the Yxy color 33.5711, 0.4038, 0.3959.

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

33.5711, 0.4038, 0.3959

Protanopia

33.6595, 0.3763, 0.4068

Deuteranopia

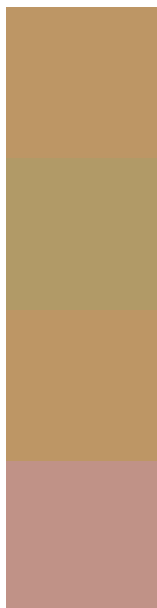
33.5711, 0.4038, 0.3959



Tritanopia

33.4473, 0.3563, 0.3144

Trichromacy



Original Color

33.5711, 0.4038, 0.3959

Protanomaly

33.4376, 0.3864, 0.4021

Deuteranomaly

33.5711, 0.4038, 0.3959

Tritanomaly

33.5135, 0.3737, 0.3442

Monochromacy



Original Color

33.5711, 0.4038, 0.3959

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2136, 0.3443, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5711, 0.4038, 0.3959 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, 150, 101)` looks like.

```
.text, #text, p{  
    color:rgb(189, 150, 101)  
}
```

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, 150, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 150, 101) }
```

Border

The CSS property to change the border of an element to Yxy 33.5711, 0.4038, 0.3959 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, 150, 101) }
```

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

```
.border{ border-color:rgb(189, 150, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 150, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 150, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 150, 101);  
box-shadow:4px 4px 4px 4px rgb(189, 150,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5711, 0.4038, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 150, 101) }
```

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

```
.background{ background-color: rgb(189,  
150, 101) }
```

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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