

Converting Colors

$Yxy(40.6812, 0.3476, 0.3584)$

Have a look what the booklet for
Yxy(40.6812, 0.3476, 0.3584)
contains.

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Color

Yxy(40.7968, 0.3472, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	B9A993
RGB	185, 169, 147
RGB Percent	73%, 66%, 58%
CMY	0.2744, 0.3373, 0.4234
CMYK	0.00, 0.09, 0.21, 0.27
HSL	35°, 21%, 65%
HSV	35°, 21%, 73%
XYZ	39.4668, 40.7968, 33.4081
YIQ	171.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

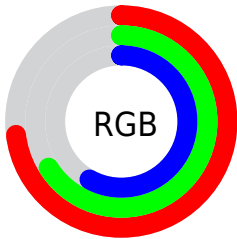
Format	Color
RYB	175, 185, 147
Decimal	12167571
CIELab	70.03, 2.19, 13.44
CIELCh	70, 13.616, 80.749
Yxy	40.7968, 0.3472, 0.3589
Android (android.graphics.Color)	4290357651 (0xFFB9A993)
YUV	171.2760, -11.9681, 12.0359
Hunter-Lab	63.8724, -1.4812, 13.6993

Details

The Yxy color **40.7968, 0.3472, 0.3589** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9205, 0.2805, 0.2972**, and the grayscale version is **40.9284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2291, 0.3405, 0.3532**, and **18.4726, 0.3587, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **37.4465, 0.3670, 0.3742**, and if you desaturate by 10%, it is **44.4174, 0.3294, 0.3440**.

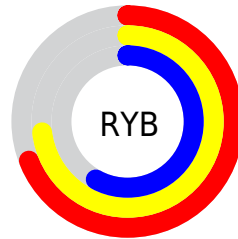
Distribution



Red (73%)

Green (66%)

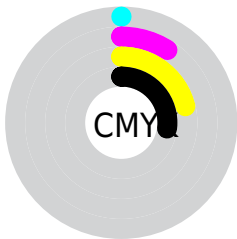
Blue (58%)



Red (69%)

Yellow (73%)

Blue (58%)

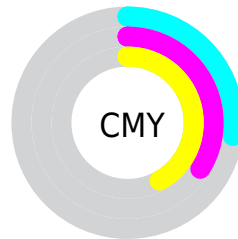


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.7968, 0.3472, 0.3589 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 40.7968, 0.3472, 0.3589 by changing the saturation by 10% instead.


 40.7968, 0.3472,
0.3589


 40.7968, 0.3472,
0.3589


349.4706, 0.3295,
0.3437

 28.1603, 0.3517,
0.3627


 76.3753, 0.3407,
0.3533

 18.4466, 0.3576,
0.3677


 100.0862, 0.3383,
0.3513

 11.2711, 0.3656,
0.3744


128.2573, 0.3362,
0.3495

 6.2495, 0.3769,
0.3837

161.2731, 0.3345,
0.3480

 2.9974, 0.3941,
0.3976

199.5179, 0.3330,
0.3467

 1.1304, 0.4484,
0.4453

243.3762, 0.3317,

 0.0037, 0.9392,

0.3456

0.0608

293.2323, 0.3306,
0.3446

0.0000, 0.0000,
0.0000

40.7968, 0.3472,
0.3589

40.7968, 0.3472,
0.3589

37.4465, 0.3670,
0.3742

44.4174, 0.3294,
0.3440

34.3537, 0.3886,
0.3894

48.3100, 0.3135,
0.3297

31.5121, 0.4117,
0.4037

52.4832, 0.2995,
0.3164

28.9135, 0.4357,
0.4162

56.9433, 0.2871,
0.3040

26.5487, 0.4596,
0.4256

61.6967, 0.2762,
0.2926

■ 24.4076, 0.4820,
0.4308

■ 66.5521, 0.2682,
0.2853

■ 22.4789, 0.5018,
0.4309

■ 70.6411, 0.2691,
0.2942

■ 20.8306, 0.5179,
0.4270

■ 74.9223, 0.2700,
0.3030

■ 79.3985, 0.2709,
0.3117

Harmonies

Analogous

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



40.7968, 0.3522, 0.3459



40.7968, 0.3472, 0.3589



40.7968, 0.3328, 0.3642

Triad

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



40.7968, 0.3472, 0.3589



40.7968, 0.2802, 0.3274



40.7968, 0.3111, 0.3009

Complementary

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



40.7968, 0.3472, 0.3589



35.9205, 0.2805, 0.2972

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.



40.7968, 0.2921, 0.2957



40.7968, 0.3472, 0.3589



40.7968, 0.2748, 0.3102

Square

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



40.7968, 0.3472, 0.3589



40.7968, 0.2942, 0.3458



40.7968, 0.2791, 0.2989



40.7968, 0.3310, 0.3130

Rectangle

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



40.7968, 0.3472, 0.3589



40.7968, 0.3201, 0.3622



40.7968, 0.2791, 0.2989



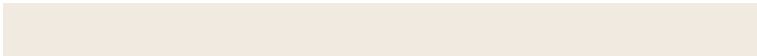
40.7968, 0.3044, 0.2983

Sweetspot

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



40.7986, 0.3472, 0.3589



82.5643, 0.3221, 0.3376



33.8539, 0.3360, 0.3066



17.7031, 0.3231, 0.3385



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.7986, 0.3472, 0.3589



70.0692, 0.3566, 0.3664



46.8176, 0.3409, 0.3798



9.8514, 0.3274, 0.3422



14.3273, 0.5163, 0.4282



0.6247, 0.4850, 0.4531

Inverse Universe

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



35.9205, 0.2805, 0.2972



59.6347, 0.2724, 0.2885



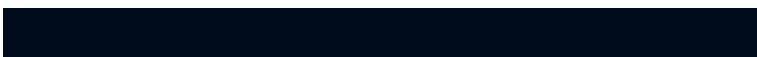
30.8212, 0.2812, 0.2735



9.3253, 0.2985, 0.3154



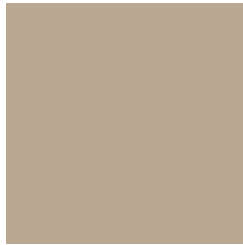
6.2347, 0.1709, 0.1351



0.3429, 0.1853, 0.1871

Previews

White Background



This preview shows how the Yxy color 40.7968, 0.3472, 0.3589 looks on a white background.

Color Contrast Check

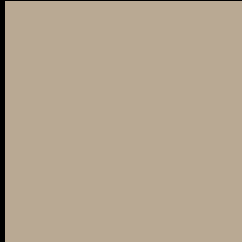
Large Text (above 18pt) WCAG AA × Fail

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 40.7968, 0.3472, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

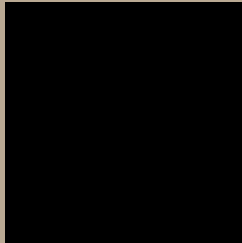
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.7968, 0.3472, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 40.7968, 0.3472, 0.3589.



This preview shows how white text looks on a background with the Yxy color 40.7968, 0.3472, 0.3589.

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

40.7968, 0.3472, 0.3589

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

40.7841, 0.3582, 0.3514



Tritanopia

40.9434, 0.3237, 0.3121

Trichromacy



Original Color

40.7968, 0.3472, 0.3589

Protanomaly

40.8327, 0.3431, 0.3592

Deuteranomaly

40.6170, 0.3539, 0.3530

Tritanomaly

40.7538, 0.3325, 0.3277

Monochromacy



Original Color

40.7968, 0.3472, 0.3589

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5882, 0.3251, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.7968, 0.3472, 0.3589 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(185, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 147)  
}
```

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(185, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 147) }
```

Border

The CSS property to change the border of an element to Yxy 40.7968, 0.3472, 0.3589 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(185, 169, 147) }
```

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

```
.border{ border-color:rgb(185, 169, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 147);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 40.7968, 0.3472, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 147) }
```

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

```
.background{ background-color: rgb(185,  
169, 147) }
```

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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