

Converting Colors

Yxy(41.4479, 0.3399, 0.3493)

Have a look what the booklet for
Yxy(41.4479, 0.3399, 0.3493)
contains.

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Color

Yxy(41.4303, 0.3398, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	B9AA9B
RGB	185, 170, 155
RGB Percent	73%, 67%, 61%
CMY	0.2744, 0.3334, 0.3922
CMYK	0.00, 0.08, 0.16, 0.27
HSL	30°, 18%, 67%
HSV	30°, 16%, 73%
XYZ	40.3035, 41.4303, 36.8757
YIQ	172.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

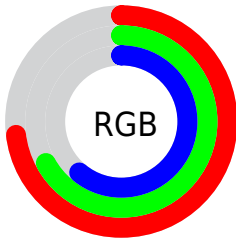
Format	Color
R _Y B	185, 185, 155
Decimal	12167835
CIE Lab	70.48, 2.90, 9.69
CIE LCh	70, 10.112, 73.353
Yxy	41.4303, 0.3398, 0.3493
Android (android.graphics.Color)	4290357915 (0xFFB9AA9B)
YUV	172.7750, -8.7631, 10.7213
Hunter-Lab	64.3664, -0.8720, 11.0890

Details

The Yxy color **41.4303, 0.3398, 0.3493** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2294, 0.2876, 0.3078**, and the grayscale version is **41.7111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1546, 0.3348, 0.3458**, and **18.8619, 0.3482, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **37.5069, 0.3595, 0.3626**, and if you desaturate by 10%, it is **45.6972, 0.3224, 0.3366**.

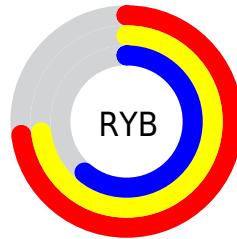
Distribution



Red (73%)

Green (67%)

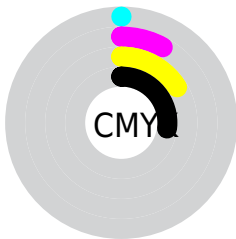
Blue (61%)



Red (73%)

Yellow (73%)

Blue (61%)

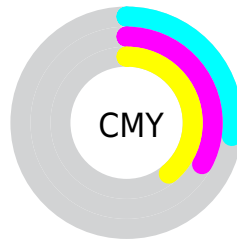


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4303, 0.3398, 0.3493 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 41.4303, 0.3398, 0.3493 by changing the saturation by 10% instead.

 41.4303, 0.3398,
0.3493


 41.4303, 0.3398,
0.3493

352.1158, 0.3259,
0.3390

 28.6555, 0.3434,
0.3519


 77.3367, 0.3347,
0.3455

 18.8203, 0.3480,
0.3552


 101.2370, 0.3328,
0.3441

 11.5405, 0.3543,
0.3597


129.6146, 0.3312,
0.3430

 6.4316, 0.3632,
0.3660

162.8539, 0.3298,
0.3420

 3.1093, 0.3770,
0.3755

201.3393, 0.3287,
0.3411

 1.1891, 0.4071,
0.3973

245.4552, 0.3276,

 0.0527, 0.6962,

0.3403

295.5859, 0.3267,
0.3396

0.3038

0.0000, 0.0000,
0.0000

41.4303, 0.3398,
0.3493

41.4303, 0.3398,
0.3493

37.5069, 0.3595,
0.3626

45.6972, 0.3224,
0.3366

33.9122, 0.3817,
0.3760

50.3111, 0.3072,
0.3246

30.6382, 0.4061,
0.3889

55.2822, 0.2940,
0.3134

27.6745, 0.4324,
0.4005

60.6189, 0.2825,
0.3032

25.0100, 0.4597,
0.4097

66.3289, 0.2724,
0.2937

■ 22.6326, 0.4867,
0.4151

■ 71.6907, 0.2694,
0.2964

■ 20.5290, 0.5117,
0.4158

■ 76.8507, 0.2704,
0.3069

■ 18.6835, 0.5332,
0.4112

■ 82.2868, 0.2714,
0.3171

■ 18.0475, 0.5409,
0.4088

■ 88.0028, 0.2725,
0.3271

Harmonies

Analogous

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



41.4303, 0.3415, 0.3388



41.4303, 0.3398, 0.3493



41.4303, 0.3308, 0.3546

Triad

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



41.4303, 0.3398, 0.3493



41.4303, 0.2906, 0.3313



41.4303, 0.3079, 0.3065

Complementary

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



41.4303, 0.3398, 0.3493



39.2294, 0.2876, 0.3078

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.



41.4303, 0.2946, 0.3042



41.4303, 0.3398, 0.3493



41.4303, 0.2848, 0.3181

Square

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



41.4303, 0.3398, 0.3493



41.4303, 0.3023, 0.3443



41.4303, 0.2862, 0.3083



41.4303, 0.3228, 0.3145

Rectangle

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



41.4303, 0.3398, 0.3493



41.4303, 0.3219, 0.3543



41.4303, 0.2862, 0.3083



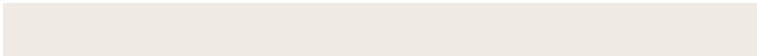
41.4303, 0.3031, 0.3050

Sweetspot

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



41.4321, 0.3398, 0.3493



82.7344, 0.3206, 0.3351



36.6777, 0.3280, 0.3082



17.7157, 0.3217, 0.3360



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.



41.4321, 0.3398, 0.3493



71.9528, 0.3456, 0.3533



47.1873, 0.3368, 0.3681



9.7334, 0.3276, 0.3404



12.4297, 0.5389, 0.4103



0.5620, 0.5002, 0.4410

Inverse Universe

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



39.2294, 0.2876, 0.3078



67.3634, 0.2827, 0.3034



34.0759, 0.2867, 0.2867



9.4421, 0.2985, 0.3173



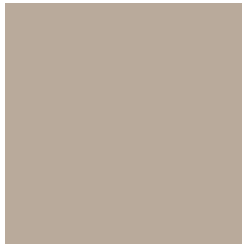
7.8123, 0.1778, 0.1601



0.3992, 0.1909, 0.2072

Previews

White Background



This preview shows how the Yxy color 41.4303, 0.3398, 0.3493 looks on a white background.

Color Contrast Check

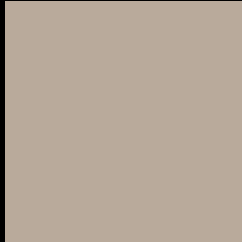
Large Text (above 18pt) WCAG AA × Fail

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 41.4303, 0.3398, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

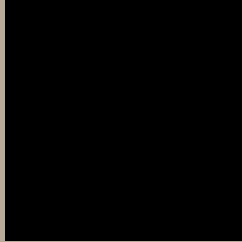
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4303, 0.3398, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 41.4303, 0.3398, 0.3493.



This preview shows how white text looks on a background with the Yxy color 41.4303, 0.3398, 0.3493.

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

41.4303, 0.3398, 0.3493

Protanopia

41.4891, 0.3328, 0.3509

Deuteranopia

41.2748, 0.3494, 0.3422



Tritanopia

41.2185, 0.3218, 0.3120

Trichromacy



Original Color

41.4303, 0.3398, 0.3493

Protanomaly

41.3499, 0.3349, 0.3495

Deuteranomaly

41.1141, 0.3453, 0.3437

Tritanomaly

41.1045, 0.3287, 0.3251

Monochromacy



Original Color

41.4303, 0.3398, 0.3493

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6053, 0.3223, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4303, 0.3398, 0.3493 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, 170, 155)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 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(185, 170, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.4303, 0.3398, 0.3493 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, 170, 155) }
```

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

```
.border{ border-color:rgb(185, 170, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 170, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 155);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4303, 0.3398, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 155) }
```

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

```
.background{ background-color: rgb(185,  
170, 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](#).

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