

Converting Colors

$Y_{xy}(42.9571, 0.3403, 0.3449)$

Have a look what the booklet for
Yxy(42.9571, 0.3403, 0.3449)
contains.

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Color

Yxy(42.9903, 0.3396, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	BEACA0
RGB	190, 172, 160
RGB Percent	75%, 67%, 63%
CMY	0.2550, 0.3254, 0.3725
CMYK	0.00, 0.09, 0.16, 0.25
HSL	24°, 19%, 69%
HSV	24°, 16%, 75%
XYZ	42.3297, 42.9903, 39.3257
YIQ	176.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

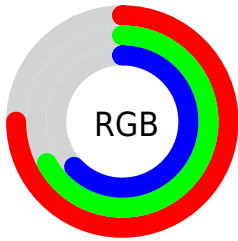
Format	Color
RYB	190, 180, 160
Decimal	12496032
CIELab	71.55, 4.47, 8.52
CIELCh	72, 9.616, 62.313
Yxy	42.9903, 0.3396, 0.3449
Android (android.graphics.Color)	4290686112 (0xFFBEACA0)
YUV	176.0140, -7.8949, 12.2657
Hunter-Lab	65.5670, 0.4964, 10.3360

Details

The Yxy color **42.9903, 0.3396, 0.3449** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0218, 0.2885, 0.3126**, and the grayscale version is **43.4600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4373, 0.3341, 0.3414**, and **19.7713, 0.3465, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **38.2259, 0.3602, 0.3556**, and if you desaturate by 10%, it is **48.2318, 0.3218, 0.3346**.

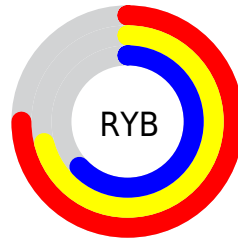
Distribution



Red (75%)

Green (67%)

Blue (63%)



Red (75%)

Yellow (71%)

Blue (63%)

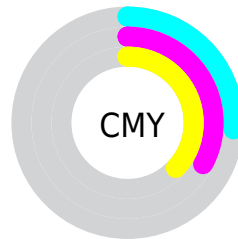


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (25%)



Cyan (26%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9903, 0.3396, 0.3449 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 42.9903, 0.3396, 0.3449 by changing the saturation by 10% instead.

 42.9903, 0.3396,
0.3449


 42.9903, 0.3396,
0.3449


358.5719, 0.3259,
0.3370

 29.8775, 0.3431,
0.3469


 79.6962, 0.3346,
0.3420

 19.7456, 0.3476,
0.3494


 104.0581, 0.3327,
0.3409

 12.2103, 0.3538,
0.3528


132.9386, 0.3311,
0.3400

 6.8871, 0.3625,
0.3575

166.7219, 0.3298,
0.3392

 3.3916, 0.3758,
0.3644

205.7924, 0.3286,
0.3386

 1.3394, 0.3997,
0.3764

250.5347, 0.3276,

 0.1714, 0.6134,

0.3380

0.3866

301.3331, 0.3267,
0.3374

0.0000, 0.0000,
0.0000

42.9903, 0.3396,
0.3449

42.9903, 0.3396,
0.3449

38.2259, 0.3602,
0.3556

48.2318, 0.3218,
0.3346

33.9188, 0.3839,
0.3665

53.9577, 0.3066,
0.3250

30.0565, 0.4108,
0.3771

60.1828, 0.2935,
0.3161

26.6234, 0.4405,
0.3864

66.9192, 0.2823,
0.3080

23.6031, 0.4721,
0.3934

74.1787, 0.2726,
0.3005

■ 20.9779, 0.5041,
0.3969

■ 80.6883, 0.2737,
0.3131

■ 18.7283, 0.5341,
0.3957

■ 87.6186, 0.2749,
0.3254

■ 16.8323, 0.5598,
0.3892

■ 89.6849, 0.2752,
0.3289

■ 16.1265, 0.5698,
0.3858

Harmonies

Analogous

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



42.9903, 0.3384, 0.3339



42.9903, 0.3396, 0.3449



42.9903, 0.3335, 0.3519

Triad

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



42.9903, 0.3396, 0.3449



42.9903, 0.2955, 0.3359



42.9903, 0.3032, 0.3064

Complementary

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



42.9903, 0.3396, 0.3449



43.0218, 0.2885, 0.3126

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.



42.9903, 0.2921, 0.3064



42.9903, 0.3396, 0.3449



42.9903, 0.2877, 0.3232

Square

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



42.9903, 0.3396, 0.3449



42.9903, 0.3079, 0.3469



42.9903, 0.2865, 0.3124



42.9903, 0.3171, 0.3120

Rectangle

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



42.9903, 0.3396, 0.3449



42.9903, 0.3261, 0.3533



42.9903, 0.2865, 0.3124



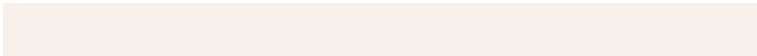
42.9903, 0.2991, 0.3057

Sweetspot

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



42.9922, 0.3396, 0.3449



88.1175, 0.3207, 0.3339



39.3017, 0.3252, 0.3055



19.1941, 0.3218, 0.3347



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.9922, 0.3396, 0.3449



74.7798, 0.3465, 0.3487



49.0171, 0.3366, 0.3639



10.1467, 0.3279, 0.3382



10.8701, 0.5675, 0.3876



0.5543, 0.5239, 0.4223

Inverse Universe

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



43.0218, 0.2885, 0.3126



74.8423, 0.2830, 0.3085



37.3858, 0.2876, 0.2915



10.1508, 0.2984, 0.3196



10.6164, 0.1872, 0.1938



0.5407, 0.1972, 0.2297

Previews

White Background



This preview shows how the Yxy color 42.9903, 0.3396, 0.3449 looks on a white background.

Color Contrast Check

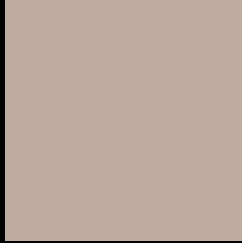
Large Text (above 18pt) WCAG AA × Fail

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 42.9903, 0.3396, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

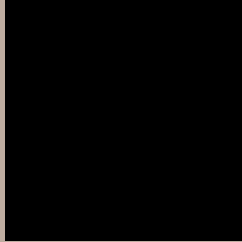
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9903, 0.3396, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 42.9903, 0.3396, 0.3449.



This preview shows how white text looks on a background with the Yxy color 42.9903, 0.3396, 0.3449.

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

42.9903, 0.3396, 0.3449

Protanopia

43.1782, 0.3308, 0.3479

Deuteranopia

42.9549, 0.3469, 0.3394



Tritanopia

43.0908, 0.3235, 0.3124

Trichromacy



Original Color

42.9903, 0.3396, 0.3449

Protanomaly

43.1596, 0.3337, 0.3464

Deuteranomaly

42.9248, 0.3439, 0.3408

Tritanomaly

43.0119, 0.3295, 0.3239

Monochromacy



Original Color

42.9903, 0.3396, 0.3449

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3860, 0.3222, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9903, 0.3396, 0.3449 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(190, 172, 160)` looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 160)  
}
```

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(190, 172, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 160) }
```

Border

The CSS property to change the border of an element to Yxy 42.9903, 0.3396, 0.3449 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(190, 172, 160) }
```

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

```
.border{ border-color:rgb(190, 172, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 172, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 160);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9903, 0.3396, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 160) }
```

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

```
.background{ background-color: rgb(190,  
172, 160) }
```

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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