

Converting Colors

$Yxy(43.7754, 0.3332, 0.3440)$

Have a look what the booklet for
Yxy(43.7754, 0.3332, 0.3440)
contains.

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Color

Yxy(43.8691, 0.3336, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	BBAFA3
RGB	187, 175, 163
RGB Percent	73%, 69%, 64%
CMY	0.2668, 0.3137, 0.3607
CMYK	0.00, 0.06, 0.13, 0.27
HSL	30°, 15%, 69%
HSV	30°, 13%, 73%
XYZ	42.4318, 43.8691, 40.8928
YIQ	177.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

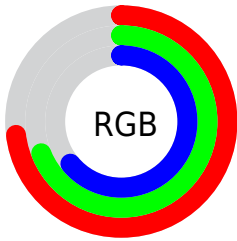
Format	Color
RYB	187, 187, 163
Decimal	12300195
CIELab	72.14, 2.22, 7.67
CIELCh	72, 7.985, 73.850
Yxy	43.8691, 0.3336, 0.3449
Android (android.graphics.Color)	4290490275 (0xFFBBAFA3)
YUV	177.2200, -7.0105, 8.5771
Hunter-Lab	66.2338, -1.5553, 9.7579




Details

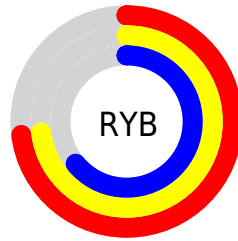
The Yxy color **43.8691, 0.3336, 0.3449** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0331, 0.2930, 0.3126**, and the grayscale version is **44.1216, 0.3127, 0.3290**.




A 20% lighter version of the original color is **80.7103, 0.3295, 0.3414**, and **20.3819, 0.3405, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **39.7375, 0.3525, 0.3580**, and if you desaturate by 10%, it is **48.3553, 0.3170, 0.3324**.

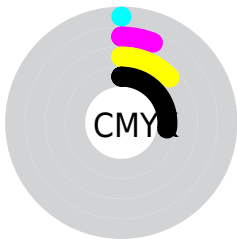
Distribution







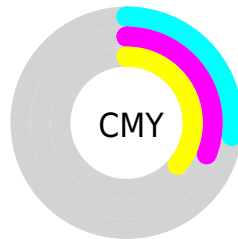
-  Red (73%)
-  Green (69%)
-  Blue (64%)






-  Red (73%)
-  Yellow (73%)
-  Blue (64%)



-  Cyan (0%)
-  Magenta (6%)
-  Yellow (13%)
-  Black (27%)





-  Cyan (27%)
-  Magenta (31%)
-  Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8691, 0.3336, 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 43.8691, 0.3336, 0.3449 by changing the saturation by 10% instead.


 43.8691, 0.3336,
0.3449

 43.8691, 0.3336,
0.3449


362.1738, 0.3230,
0.3369

 30.5676, 0.3363,
0.3469


 81.0207, 0.3297,
0.3420

 20.2698, 0.3398,
0.3495

 105.6397, 0.3283,
0.3409

 12.5913, 0.3444,
0.3529

134.7999, 0.3271,
0.3400

 7.1477, 0.3511,
0.3577

168.8858, 0.3260,
0.3392

 3.5547, 0.3611,
0.3650

208.2817, 0.3251,
0.3385

 1.4277, 0.3783,
0.3769

253.3721, 0.3243,

 0.2370, 0.5411,

0.3379

0.4589

304.5413, 0.3236,
0.3374

0.0000, 0.0000,
0.0000

43.8691, 0.3336,
0.3449

43.8691, 0.3336,
0.3449

39.7375, 0.3525,
0.3580

48.3553, 0.3170,
0.3324

35.9453, 0.3738,
0.3715

53.1993, 0.3025,
0.3207

32.4845, 0.3975,
0.3847

58.4116, 0.2899,
0.3098

29.3448, 0.4233,
0.3969

64.0004, 0.2788,
0.2998

26.5150, 0.4504,
0.4070

69.8759, 0.2701,
0.2922

■ 23.9832, 0.4776,
0.4139

■ 74.9685, 0.2711,
0.3027

■ 21.7362, 0.5035,
0.4163

■ 80.3403, 0.2721,
0.3131

■ 19.7591, 0.5262,
0.4135

■ 85.9954, 0.2731,
0.3233

■ 18.4888, 0.5407,
0.4089

■ 89.3019, 0.2736,
0.3289

Harmonies

Analogous

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



43.8691, 0.3350, 0.3369



43.8691, 0.3336, 0.3449



43.8691, 0.3266, 0.3488

Triad

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



43.8691, 0.3336, 0.3449



43.8691, 0.2955, 0.3307



43.8691, 0.3092, 0.3115

Complementary

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



43.8691, 0.3336, 0.3449



42.0331, 0.2930, 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.



43.8691, 0.2988, 0.3097



43.8691, 0.3336, 0.3449



43.8691, 0.2910, 0.3205

Square

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



43.8691, 0.3336, 0.3449



43.8691, 0.3045, 0.3406



43.8691, 0.2922, 0.3129



43.8691, 0.3207, 0.3178

Rectangle

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



43.8691, 0.3336, 0.3449



43.8691, 0.3197, 0.3484



43.8691, 0.2922, 0.3129



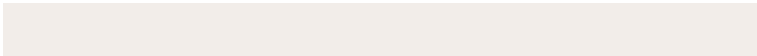
43.8691, 0.3055, 0.3104

Sweetspot

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



43.8710, 0.3336, 0.3449



85.5848, 0.3190, 0.3339



39.8605, 0.3247, 0.3132



18.7096, 0.3202, 0.3348



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.



43.8710, 0.3336, 0.3449



76.7357, 0.3380, 0.3481



48.7382, 0.3316, 0.3602



10.3038, 0.3276, 0.3405



12.8868, 0.5389, 0.4103



0.6356, 0.5029, 0.4389

Inverse Universe

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



42.0331, 0.2930, 0.3126



72.8830, 0.2892, 0.3092



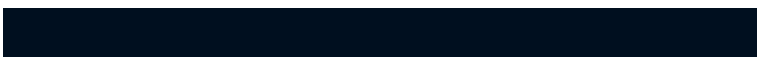
37.5794, 0.2926, 0.2958



9.9917, 0.2984, 0.3172



8.0629, 0.1777, 0.1596



0.4467, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 43.8691, 0.3336, 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 43.8691, 0.3336, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

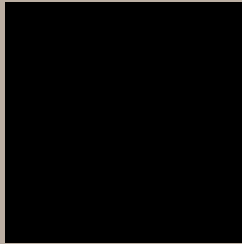
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

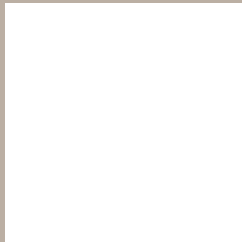
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8691, 0.3336, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 43.8691, 0.3336, 0.3449.



This preview shows how white text looks on a background with the Yxy color 43.8691, 0.3336, 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

43.8691, 0.3336, 0.3449

Protanopia

43.7983, 0.3290, 0.3451

Deuteranopia

43.9483, 0.3447, 0.3380



Tritanopia

43.9550, 0.3180, 0.3123

Trichromacy



Original Color

43.8691, 0.3336, 0.3449

Protanomaly

43.9214, 0.3299, 0.3450

Deuteranomaly

43.7875, 0.3408, 0.3394

Tritanomaly

43.8803, 0.3237, 0.3238

Monochromacy



Original Color

43.8691, 0.3336, 0.3449

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8530, 0.3204, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8691, 0.3336, 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(187, 175, 163)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 163)  
}
```

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(187, 175, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 163) }
```

Border

The CSS property to change the border of an element to Yxy 43.8691, 0.3336, 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(187, 175, 163) }
```

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

```
.border{ border-color:rgb(187, 175, 163) }
```

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

Here you see how a box with a 4 pixel rgb(187, 175, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 163);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8691, 0.3336, 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(187, 175, 163) }
```

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

```
.background{ background-color: rgb(187,  
175, 163) }
```

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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