

Converting Colors

$Yxy(43.6026, 0.3275, 0.3371)$

Have a look what the booklet for
Yxy(43.6026, 0.3275, 0.3371)
contains.

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Color

Yxy(43.4135, 0.3277, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	B9AEA8
RGB	185, 174, 168
RGB Percent	73%, 68%, 66%
CMY	0.2744, 0.3177, 0.3412
CMYK	0.00, 0.06, 0.09, 0.27
HSL	21°, 11%, 69%
HSV	21°, 9%, 73%
XYZ	42.2154, 43.4135, 43.1945
YIQ	176.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

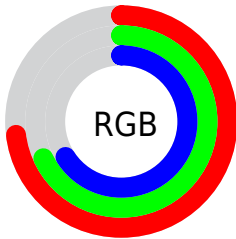
Format	Color
RYB	185, 177, 168
Decimal	12168872
CIELab	71.83, 2.89, 4.48
CIELCh	72, 5.334, 57.194
Yxy	43.4135, 0.3277, 0.3370
Android (android.graphics.Color)	4290358952 (0xFFB9AEA8)
YUV	176.6050, -4.2423, 7.3624
Hunter-Lab	65.8889, -0.9396, 7.2538

Details

The Yxy color **43.4135, 0.3277, 0.3370** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.0759, 0.2987, 0.3209**, and the grayscale version is **43.7701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0671, 0.3249, 0.3352**, and **20.0856, 0.3322, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **38.3503, 0.3467, 0.3462**, and if you desaturate by 10%, it is **48.9915, 0.3115, 0.3283**.

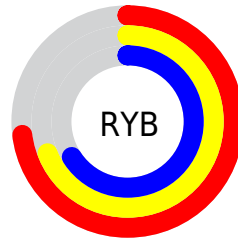
Distribution



Red (73%)

Green (68%)

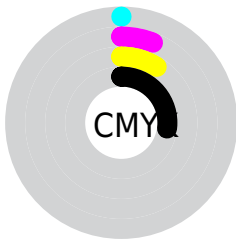
Blue (66%)



Red (73%)

Yellow (69%)

Blue (66%)

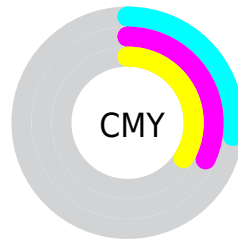


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (27%)



Cyan (27%)


Magenta (32%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4135, 0.3277, 0.3370 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 43.4135, 0.3277, 0.3370 by changing the saturation by 10% instead.


 43.4135, 0.3277,
0.3370


 43.4135, 0.3277,
0.3370

360.3095, 0.3201,
0.3330

 30.2097, 0.3296,
0.3380


 80.3345, 0.3249,
0.3355

 19.9978, 0.3321,
0.3393


 104.8204, 0.3239,
0.3350

 12.3934, 0.3355,
0.3410


133.8359, 0.3230,
0.3345

 7.0122, 0.3403,
0.3434

167.7652, 0.3222,
0.3341

 3.4697, 0.3477,
0.3471

206.9929, 0.3216,
0.3338

 1.3816, 0.3604,
0.3531

251.9032, 0.3210,

 0.2031, 0.5648,

0.3335

0.4352

302.8806, 0.3205,
0.3332

0.0000, 0.0000,
0.0000

43.4135, 0.3277,
0.3370

43.4135, 0.3277,
0.3370

38.3503, 0.3467,
0.3462

48.9915, 0.3115,
0.3283

33.7812, 0.3689,
0.3558

55.0927, 0.2978,
0.3203

29.6926, 0.3945,
0.3654

61.7327, 0.2861,
0.3129

26.0680, 0.4237,
0.3744

68.9246, 0.2761,
0.3062

22.8901, 0.4560,
0.3819

76.3215, 0.2703,
0.3058

■ 20.1400, 0.4901,
0.3868

■ 83.3703, 0.2716,
0.3190

■ 17.7975, 0.5240,
0.3879

■ 89.0578, 0.2726,
0.3289

■ 15.8405, 0.5549,
0.3842

■ 14.2393, 0.5807,
0.3762

Harmonies

Analogous

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



43.4135, 0.3263, 0.3307



43.4135, 0.3277, 0.3370



43.4135, 0.3250, 0.3413

Triad

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



43.4135, 0.3277, 0.3370



43.4135, 0.3042, 0.3340



43.4135, 0.3063, 0.3161

Complementary

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



43.4135, 0.3277, 0.3370



44.0759, 0.2987, 0.3209

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.



43.4135, 0.3005, 0.3168



43.4135, 0.3277, 0.3370



43.4135, 0.2993, 0.3271

Square

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



43.4135, 0.3277, 0.3370



43.4135, 0.3114, 0.3396



43.4135, 0.2980, 0.3208



43.4135, 0.3139, 0.3188

Rectangle

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



43.4135, 0.3277, 0.3370



43.4135, 0.3213, 0.3423



43.4135, 0.2980, 0.3208



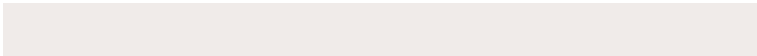
43.4135, 0.3041, 0.3160

Sweetspot

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



43.4154, 0.3277, 0.3370



83.7701, 0.3174, 0.3316



41.5763, 0.3188, 0.3144



17.8850, 0.3187, 0.3323



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.



43.4154, 0.3277, 0.3370



75.8716, 0.3312, 0.3388



46.7941, 0.3265, 0.3480



9.5164, 0.3279, 0.3371



9.7408, 0.5804, 0.3774



0.4623, 0.5303, 0.4172

Inverse Universe

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



44.0759, 0.2987, 0.3209



77.2878, 0.2957, 0.3190



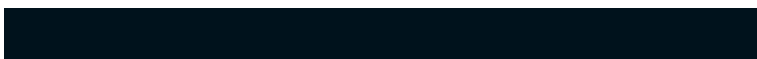
40.7818, 0.2986, 0.3092



9.6632, 0.2985, 0.3208



11.6352, 0.1919, 0.2109



0.5219, 0.2014, 0.2449

Previews

White Background



This preview shows how the Yxy color 43.4135, 0.3277, 0.3370 looks on a white background.

Color Contrast Check

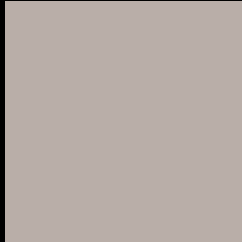
Large Text (above 18pt) WCAG AA × Fail

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 43.4135, 0.3277, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

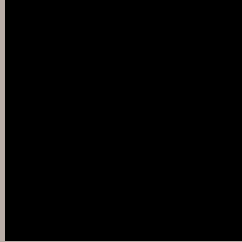
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

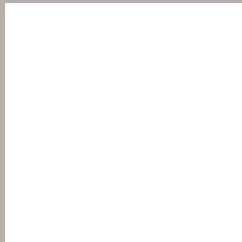
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4135, 0.3277, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 43.4135, 0.3277, 0.3370.



This preview shows how white text looks on a background with the Yxy color 43.4135, 0.3277, 0.3370.

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

43.4135, 0.3277, 0.3370

Protanopia

43.3483, 0.3231, 0.3371

Deuteranopia

43.3498, 0.3376, 0.3304



Tritanopia

43.1934, 0.3154, 0.3109

Trichromacy



Original Color

43.4135, 0.3277, 0.3370

Protanomaly

43.4696, 0.3240, 0.3370

Deuteranomaly

43.1969, 0.3337, 0.3317

Tritanomaly

43.1988, 0.3194, 0.3199

Monochromacy



Original Color

43.4135, 0.3277, 0.3370

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8100, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4135, 0.3277, 0.3370 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, 174, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 168)  
}
```

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, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.4135, 0.3277, 0.3370 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, 174, 168) }
```

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

```
.border{ border-color:rgb(185, 174, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 174, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4135, 0.3277, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 168) }
```

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

```
.background{ background-color: rgb(185,  
174, 168) }
```

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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