

Converting Colors

$Yxy(43.4184, 0.3304, 0.3434)$

Have a look what the booklet for
Yxy(43.4184, 0.3304, 0.3434)
contains.

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Color

Yxy(43.5306, 0.3300, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	B8AFA4
RGB	184, 175, 164
RGB Percent	72%, 69%, 64%
CMY	0.2785, 0.3137, 0.3568
CMYK	0.00, 0.05, 0.11, 0.28
HSL	33°, 12%, 68%
HSV	33°, 11%, 72%
XYZ	41.7955, 43.5306, 41.3268
YIQ	176.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

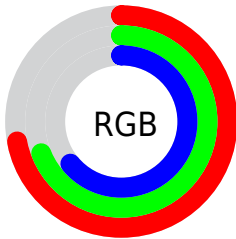
Format	Color
RYB	180, 184, 164
Decimal	12103588
CIELab	71.91, 1.28, 6.77
CIELCh	72, 6.889, 79.286
Yxy	43.5306, 0.3300, 0.3437
Android (android.graphics.Color)	4290293668 (0xFFB8AFA4)
YUV	176.4370, -6.1314, 6.6328
Hunter-Lab	65.9777, -2.3851, 9.0466

Details

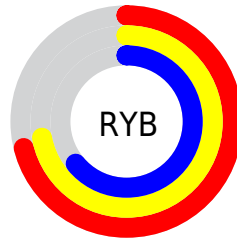
The Yxy color **43.5306, 0.3300, 0.3437** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2354, 0.2961, 0.3139**, and the grayscale version is **43.6854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2334, 0.3268, 0.3404**, and **20.1611, 0.3355, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **39.7947, 0.3481, 0.3580**, and if you desaturate by 10%, it is **47.5636, 0.3140, 0.3301**.

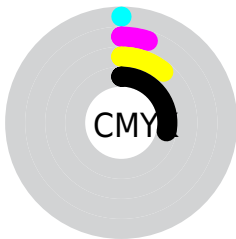
Distribution



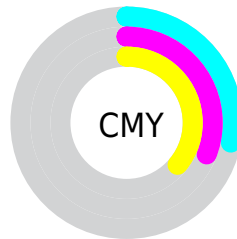
- Red (72%)
- Green (69%)
- Blue (64%)



- Red (71%)
- Yellow (72%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5306, 0.3300, 0.3437 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 43.5306, 0.3300, 0.3437 by changing the saturation by 10% instead.

 43.5306, 0.3300,
0.3437


 43.5306, 0.3300,
0.3437

360.7893, 0.3212,
0.3363

 30.3017, 0.3322,
0.3456


 80.5109, 0.3268,
0.3410

 20.0677, 0.3351,
0.3480


 105.0311, 0.3256,
0.3400

 12.4442, 0.3390,
0.3512


134.0839, 0.3246,
0.3391

 7.0470, 0.3445,
0.3558


168.0535, 0.3237,
0.3384

 3.4915, 0.3529,
0.3627

207.3245, 0.3230,
0.3378

 1.3934, 0.3672,
0.3742

252.2812, 0.3223,

 0.2119, 0.5234,

0.3372

0.4766

303.3080, 0.3218,
0.3367

0.0000, 0.0000,
0.0000

43.5306, 0.3300,
0.3437

43.5306, 0.3300,
0.3437

39.7947, 0.3481,
0.3580

47.5636, 0.3140,
0.3301

36.3424, 0.3682,
0.3726

51.8951, 0.2999,
0.3174

33.1678, 0.3905,
0.3871

56.5340, 0.2875,
0.3056

30.2623, 0.4144,
0.4008

61.4871, 0.2766,
0.2947

27.6169, 0.4394,
0.4125

66.6960, 0.2677,
0.2858

■ 25.2219, 0.4644,
0.4212

■ 71.0480, 0.2686,
0.2953

■ 23.0665, 0.4881,
0.4257

■ 75.6163, 0.2696,
0.3046

■ 21.1387, 0.5092,
0.4251

■ 80.4038, 0.2705,
0.3138

■ 19.5566, 0.5259,
0.4207

■ 85.4135, 0.2715,
0.3229

Harmonies

Analogous

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



43.5306, 0.3321, 0.3373



43.5306, 0.3300, 0.3437



43.5306, 0.3232, 0.3463

Triad

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



43.5306, 0.3300, 0.3437



43.5306, 0.2967, 0.3288



43.5306, 0.3115, 0.3146

Complementary

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



43.5306, 0.3300, 0.3437



41.2354, 0.2961, 0.3139

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.



43.5306, 0.3021, 0.3122



43.5306, 0.3300, 0.3437



43.5306, 0.2937, 0.3203

Square

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



43.5306, 0.3300, 0.3437



43.5306, 0.3040, 0.3376



43.5306, 0.2957, 0.3143



43.5306, 0.3214, 0.3206

Rectangle

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



43.5306, 0.3300, 0.3437



43.5306, 0.3170, 0.3453



43.5306, 0.2957, 0.3143



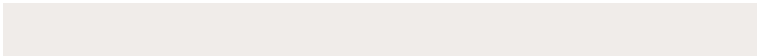
43.5306, 0.3082, 0.3133

Sweetspot

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



43.5325, 0.3300, 0.3437



84.5892, 0.3173, 0.3330



39.7608, 0.3236, 0.3170



18.1068, 0.3186, 0.3341



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.



43.5325, 0.3300, 0.3437



77.2824, 0.3341, 0.3470



47.0196, 0.3278, 0.3554



9.8099, 0.3274, 0.3416



13.6241, 0.5242, 0.4220



0.6020, 0.4903, 0.4489

Inverse Universe

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



41.2354, 0.2961, 0.3139



72.2917, 0.2924, 0.3103



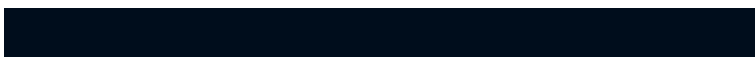
38.0160, 0.2968, 0.3013



9.3661, 0.2985, 0.3161



6.7520, 0.1732, 0.1436



0.3619, 0.1873, 0.1941

Previews

White Background



This preview shows how the Yxy color 43.5306, 0.3300, 0.3437 looks on a white background.

Color Contrast Check

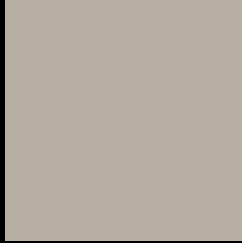
Large Text (above 18pt) WCAG AA × Fail

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 43.5306, 0.3300, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

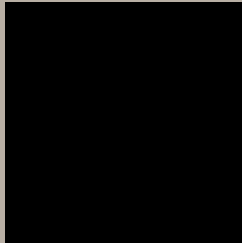
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5306, 0.3300, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 43.5306, 0.3300, 0.3437.

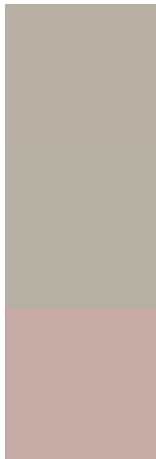


This preview shows how white text looks on a background with the Yxy color 43.5306, 0.3300, 0.3437.

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

43.5306, 0.3300, 0.3437

Protanopia

43.6761, 0.3281, 0.3451

Deuteranopia

43.3364, 0.3421, 0.3355



Tritanopia

43.5726, 0.3153, 0.3122

Trichromacy



Original Color

43.5306, 0.3300, 0.3437

Protanomaly

43.7983, 0.3290, 0.3451

Deuteranomaly

43.4281, 0.3371, 0.3382

Tritanomaly

43.5006, 0.3210, 0.3238

Monochromacy



Original Color

43.5306, 0.3300, 0.3437

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6129, 0.3186, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5306, 0.3300, 0.3437 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(184, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 164)  
}
```

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(184, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 43.5306, 0.3300, 0.3437 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(184, 175, 164) }
```

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

```
.border{ border-color:rgb(184, 175, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5306, 0.3300, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 164) }
```

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

```
.background{ background-color: rgb(184,  
175, 164) }
```

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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