

Converting Colors

$Yxy(43.2498, 0.3197, 0.3343)$

Have a look what the booklet for
Yxy(43.2498, 0.3197, 0.3343)
contains.

Yxy(43.1839, 0.3196, 0.3344)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.1839, 0.3196, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	B3AFAB
RGB	179, 175, 171
RGB Percent	70%, 69%, 67%
CMY	0.2980, 0.3137, 0.3295
CMYK	0.00, 0.02, 0.04, 0.30
HSL	30°, 5%, 69%
HSV	30°, 4%, 70%
XYZ	41.2727, 43.1839, 44.6819
YIQ	175.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

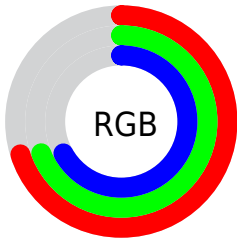
Format	Color
RYB	179, 179, 171
Decimal	11775915
CIELab	71.68, 0.70, 2.55
CIELCh	72, 2.642, 74.694
Yxy	43.1839, 0.3196, 0.3344
Android (android.graphics.Color)	4289965995 (0xFFB3AFAB)
YUV	175.7400, -2.3368, 2.8590
Hunter-Lab	65.7145, -2.8915, 5.6865

Details

The Yxy color **43.1839, 0.3196, 0.3344** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5734, 0.3060, 0.3235**, and the grayscale version is **43.2861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7468, 0.3187, 0.3332**, and **19.9334, 0.3210, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **39.1780, 0.3365, 0.3470**, and if you desaturate by 10%, it is **47.5172, 0.3048, 0.3226**.

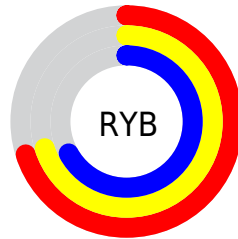
Distribution



Red (70%)

Green (69%)

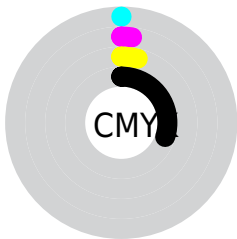
Blue (67%)



Red (70%)

Yellow (70%)

Blue (67%)

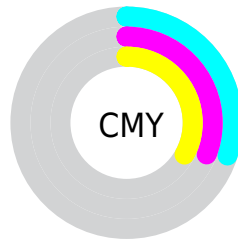


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (30%)



Cyan (30%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1839, 0.3196, 0.3344 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 43.1839, 0.3196, 0.3344 by changing the saturation by 10% instead.


 43.1839, 0.3196,
0.3344

 43.1839, 0.3196,
0.3344


359.3675, 0.3161,
0.3317

 30.0294, 0.3205,
0.3351


 79.9883, 0.3183,
0.3334

 19.8609, 0.3216,
0.3360

104.4070, 0.3178,
0.3330

 12.2940, 0.3232,
0.3372


133.3493, 0.3174,
0.3327

 6.9442, 0.3254,
0.3389

167.1995, 0.3171,
0.3325

 3.4272, 0.3288,
0.3415

206.3420, 0.3168,
0.3322

 1.3586, 0.3346,
0.3459

251.1613, 0.3165,

 0.1859, 0.4796,

0.3320

0.4603

302.0416, 0.3163,
0.3318

0.0000, 0.0000,
0.0000

43.1839, 0.3196,
0.3344

43.1839, 0.3196,
0.3344

39.1780, 0.3365,
0.3470

47.5172, 0.3048,
0.3226

35.4856, 0.3558,
0.3601

52.1800, 0.2919,
0.3116

32.1002, 0.3774,
0.3735

57.1817, 0.2807,
0.3015

29.0128, 0.4014,
0.3866

62.5296, 0.2709,
0.2922

26.2139, 0.4273,
0.3985

67.8715, 0.2652,
0.2895

■ 23.6934, 0.4545,
0.4082

■ 72.6917, 0.2663,
0.2997

■ 21.4403, 0.4816,
0.4145

■ 77.7673, 0.2675,
0.3099

■ 19.4427, 0.5070,
0.4162

■ 83.1022, 0.2686,
0.3198

■ 17.6869, 0.5291,
0.4125

■ 88.3256, 0.2696,
0.3289

Harmonies

Analogous

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



43.1839, 0.3201, 0.3318



43.1839, 0.3196, 0.3344



43.1839, 0.3173, 0.3356

Triad

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



43.1839, 0.3196, 0.3344



43.1839, 0.3069, 0.3295



43.1839, 0.3117, 0.3232

Complementary

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



43.1839, 0.3196, 0.3344



42.5734, 0.3060, 0.3235

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.



43.1839, 0.3082, 0.3225



43.1839, 0.3196, 0.3344



43.1839, 0.3054, 0.3262

Square

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



43.1839, 0.3196, 0.3344



43.1839, 0.3099, 0.3328



43.1839, 0.3059, 0.3236



43.1839, 0.3155, 0.3253

Rectangle

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



43.1839, 0.3196, 0.3344



43.1839, 0.3150, 0.3354



43.1839, 0.3059, 0.3236



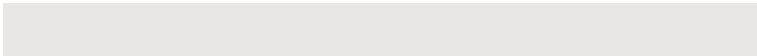
43.1839, 0.3104, 0.3228

Sweetspot

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



43.1858, 0.3196, 0.3344



79.9521, 0.3142, 0.3302



41.8077, 0.3165, 0.3235



17.7225, 0.3142, 0.3301



91.1408, 0.3127, 0.3290



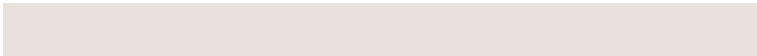
17.8868, 0.3127, 0.3290

Same Dimension

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



43.1858, 0.3196, 0.3344



76.8822, 0.3206, 0.3351



44.7184, 0.3192, 0.3396



9.5219, 0.3214, 0.3358



12.0067, 0.5386, 0.4105



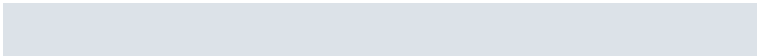
0.4945, 0.4970, 0.4436

Inverse Universe

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



42.5734, 0.3060, 0.3235



75.6438, 0.3051, 0.3228



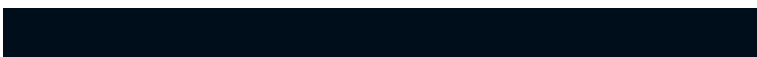
41.0842, 0.3061, 0.3182



9.3530, 0.3043, 0.3221



7.5416, 0.1779, 0.1602



0.3540, 0.1920, 0.2113

Previews

White Background



This preview shows how the Yxy color 43.1839, 0.3196, 0.3344 looks on a white background.

Color Contrast Check

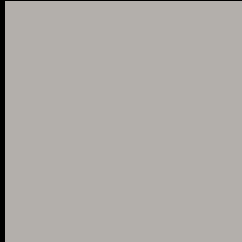
Large Text (above 18pt) WCAG AA × Fail

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 43.1839, 0.3196, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

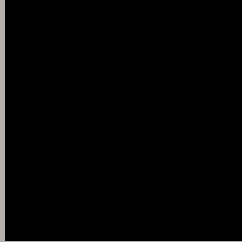
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

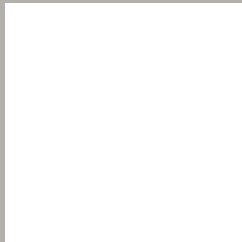
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1839, 0.3196, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 43.1839, 0.3196, 0.3344.



This preview shows how white text looks on a background with the Yxy color 43.1839, 0.3196, 0.3344.

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

43.1839, 0.3196, 0.3344

Protanopia

43.3035, 0.3205, 0.3344

Deuteranopia

43.1973, 0.3331, 0.3265



Tritanopia

43.2561, 0.3091, 0.3120

Trichromacy



Original Color

43.1839, 0.3196, 0.3344

Protanomaly

43.3035, 0.3205, 0.3344

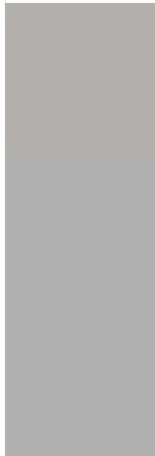
Deuteranomaly

43.3024, 0.3282, 0.3290

Tritanomaly

43.3116, 0.3123, 0.3197

Monochromacy



Original Color

43.1839, 0.3196, 0.3344

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4538, 0.3152, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1839, 0.3196, 0.3344 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(179, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 171)  
}
```

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(179, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.1839, 0.3196, 0.3344 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(179, 175, 171) }
```

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

```
.border{ border-color:rgb(179, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1839, 0.3196, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 171) }
```

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

```
.background{ background-color: rgb(179,  
175, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor