

Converting Colors

$Y_{xy}(43.5920, 0.3226, 0.3393)$

Have a look what the booklet for
Yxy(43.5920, 0.3226, 0.3393)
contains.

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Color

Yxy(43.5811, 0.3229, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	B4B0A8
RGB	180, 176, 168
RGB Percent	71%, 69%, 66%
CMY	0.2941, 0.3098, 0.3413
CMYK	0.00, 0.02, 0.07, 0.29
HSL	40°, 7%, 68%
HSV	40°, 7%, 71%
XYZ	41.4136, 43.5811, 43.2605
YIQ	176.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

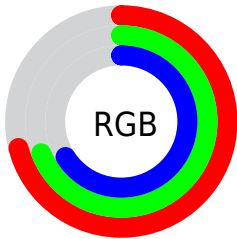
Format	Color
RYB	174, 180, 168
Decimal	11841704
CIELab	71.95, -0.03, 4.60
CIELCh	72, 4.604, 90.339
Yxy	43.5811, 0.3229, 0.3398
Android (android.graphics.Color)	4290031784 (0xFFB4B0A8)
YUV	176.2840, -4.0840, 3.2589
Hunter-Lab	66.0160, -3.5502, 7.3583

Details

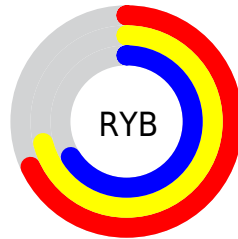
The Yxy color **43.5811, 0.3229, 0.3398** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1095, 0.3026, 0.3180**, and the grayscale version is **43.5919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8738, 0.3212, 0.3384**, and **20.1883, 0.3255, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **40.6650, 0.3395, 0.3566**, and if you desaturate by 10%, it is **46.6971, 0.3079, 0.3238**.

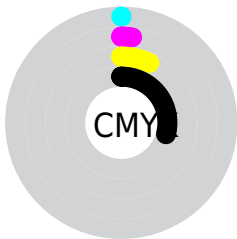
Distribution



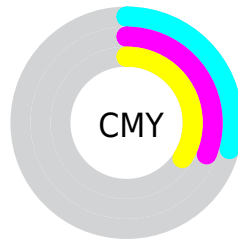
- Red (71%)
- Green (69%)
- Blue (66%)



- Red (68%)
- Yellow (71%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (29%)





- Cyan (29%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5811, 0.3229, 0.3398 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 43.5811, 0.3229, 0.3398 by changing the saturation by 10% instead.

 43.5811, 0.3229,
0.3398


 43.5811, 0.3229,
0.3398


360.9961, 0.3178,
0.3343

 30.3413, 0.3242,
0.3412


 80.5870, 0.3210,
0.3378

 20.0978, 0.3259,
0.3430


 105.1220, 0.3203,
0.3371

 12.4662, 0.3282,
0.3454


134.1908, 0.3197,
0.3364

 7.0620, 0.3314,
0.3488

168.1778, 0.3192,
0.3359

 3.5009, 0.3363,
0.3540

207.4674, 0.3188,
0.3354

 1.3985, 0.3447,
0.3629

252.4441, 0.3184,

 0.2156, 0.4865,

0.3350

0.5135

303.4922, 0.3181,
0.3347

0.0000, 0.0000,
0.0000

43.5811, 0.3229,
0.3398

43.5811, 0.3229,
0.3398

40.6650, 0.3395,
0.3566

46.6971, 0.3079,
0.3238

37.9380, 0.3576,
0.3740

50.0122, 0.2945,
0.3088

35.3966, 0.3770,
0.3914

53.5329, 0.2825,
0.2949

33.0351, 0.3975,
0.4081

57.2638, 0.2718,
0.2821

30.8473, 0.4184,
0.4232

61.0160, 0.2640,
0.2734

■ 28.8266, 0.4388,
0.4357

■ 63.9473, 0.2647,
0.2803

■ 26.9656, 0.4579,
0.4444

■ 66.9893, 0.2655,
0.2873

■ 25.2559, 0.4747,
0.4485

■ 70.1431, 0.2663,
0.2942

■ 23.6865, 0.4884,
0.4477

■ 73.4098, 0.2670,
0.3010

Harmonies

Analogous

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



43.5811, 0.3255, 0.3364



43.5811, 0.3229, 0.3398



43.5811, 0.3175, 0.3403

Triad

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



43.5811, 0.3229, 0.3398



43.5811, 0.3009, 0.3267



43.5811, 0.3144, 0.3206

Complementary

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



43.5811, 0.3229, 0.3398



41.1095, 0.3026, 0.3180

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.



43.5811, 0.3078, 0.3180



43.5811, 0.3229, 0.3398



43.5811, 0.3001, 0.3215

Square

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



43.5811, 0.3229, 0.3398



43.5811, 0.3048, 0.3327



43.5811, 0.3026, 0.3183



43.5811, 0.3206, 0.3253

Rectangle

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



43.5811, 0.3229, 0.3398



43.5811, 0.3132, 0.3389



43.5811, 0.3026, 0.3183



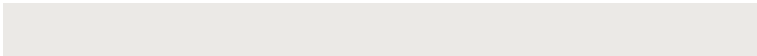
43.5811, 0.3122, 0.3194

Sweetspot

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



43.5830, 0.3229, 0.3398



81.6037, 0.3157, 0.3322



40.6761, 0.3203, 0.3236



17.6507, 0.3156, 0.3321



91.1408, 0.3127, 0.3290



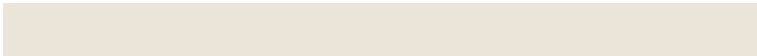
17.8868, 0.3127, 0.3290

Same Dimension

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



43.5830, 0.3229, 0.3398



78.2324, 0.3252, 0.3422



44.9341, 0.3207, 0.3452



9.4216, 0.3271, 0.3442



16.3123, 0.4916, 0.4478



0.6150, 0.4669, 0.4675

Inverse Universe

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



41.1095, 0.3026, 0.3180



72.8254, 0.3004, 0.3154



39.8335, 0.3045, 0.3125



8.6760, 0.2985, 0.3134



4.6510, 0.1639, 0.1101



0.2562, 0.1804, 0.1694

Previews

White Background



This preview shows how the Yxy color 43.5811, 0.3229, 0.3398 looks on a white background.

Color Contrast Check

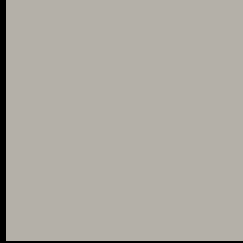
Large Text (above 18pt) WCAG AA × Fail

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 43.5811, 0.3229, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

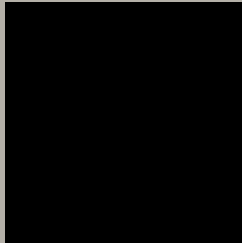
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

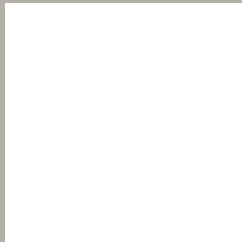
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5811, 0.3229, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 43.5811, 0.3229, 0.3398.



This preview shows how white text looks on a background with the Yxy color 43.5811, 0.3229, 0.3398.

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

43.5811, 0.3229, 0.3398

Protanopia

43.7016, 0.3238, 0.3397

Deuteranopia

43.3498, 0.3376, 0.3304



Tritanopia

43.5423, 0.3100, 0.3108

Trichromacy



Original Color

43.5811, 0.3229, 0.3398

Protanomaly

43.7016, 0.3238, 0.3397

Deuteranomaly

43.3168, 0.3317, 0.3330

Tritanomaly

43.5125, 0.3149, 0.3211

Monochromacy



Original Color

43.5811, 0.3229, 0.3398

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4149, 0.3160, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5811, 0.3229, 0.3398 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(180, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 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(180, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.5811, 0.3229, 0.3398 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(180, 176, 168) }
```

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

```
.border{ border-color:rgb(180, 176, 168) }
```

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

Here you see how a box with a 4 pixel rgb(180, 176, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5811, 0.3229, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 168) }
```

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

```
.background{ background-color: rgb(180,  
176, 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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