

Converting Colors

$Y_{xy}(44.3190, 0.3103, 0.3206)$

Have a look what the booklet for
Yxy(44.3190, 0.3103, 0.3206)
contains.

Yxy(44.1729, 0.3105, 0.3198)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.1729, 0.3105, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	B4B0B7
RGB	180, 176, 183
RGB Percent	71%, 69%, 72%
CMY	0.2943, 0.3097, 0.2823
CMYK	0.02, 0.04, 0.00, 0.28
HSL	274°, 5%, 70%
HSV	274°, 4%, 72%
XYZ	42.8883, 44.1729, 51.0654
YIQ	177.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

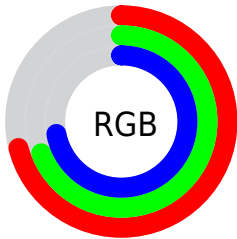
Format	Color
RYB	180, 176, 183
Decimal	11841719
CIELab	72.34, 2.71, -3.07
CIELCh	72, 4.097, 311.439
Yxy	44.1729, 0.3105, 0.3198
Android (android.graphics.Color)	4290031799 (0xFFB4B0B7)
YUV	177.9940, 2.4680, 1.7593
Hunter-Lab	66.4627, -1.1238, 0.9695

Details

The Yxy color **44.1729, 0.3105, 0.3198** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.5928, 0.3149, 0.3382**, and the grayscale version is **44.5026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7781, 0.3110, 0.3218**, and **20.5390, 0.3096, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **36.5469, 0.3040, 0.2944**, and if you desaturate by 10%, it is **52.8250, 0.3160, 0.3433**.

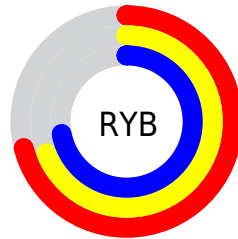
Distribution



Red (71%)

Green (69%)

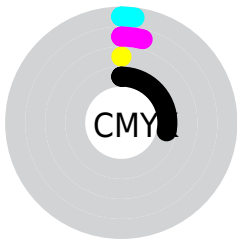
Blue (72%)



Red (71%)

Yellow (69%)

Blue (72%)

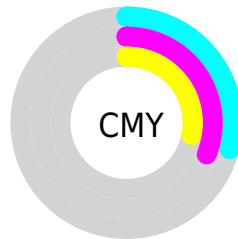


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1729, 0.3105, 0.3198 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 44.1729, 0.3105, 0.3198 by changing the saturation by 10% instead.

■ 44.1729, 0.3105,
0.3198

■ 44.1729, 0.3105,
0.3198

363.4134, 0.3116,
0.3244

■ 30.8065, 0.3102,
0.3186

■ 81.4779, 0.3109,
0.3215

■ 20.4515, 0.3098,
0.3171

106.1852, 0.3111,
0.3221

■ 12.7237, 0.3093,
0.3151

135.4415, 0.3112,
0.3227

■ 7.2385, 0.3086,
0.3123

169.6314, 0.3113,
0.3231

■ 3.6117, 0.3075,
0.3081

209.1391, 0.3114,
0.3235

■ 1.4588, 0.3055,
0.3010

254.3491, 0.3115,

■ 0.2595, 0.2925,

0.3239

0.2426

305.6457, 0.3116,
0.3242

0.0000, 0.0000,
0.0000

44.1729, 0.3105,
0.3198

44.1729, 0.3105,
0.3198

36.5469, 0.3040,
0.2944

52.8250, 0.3160,
0.3433

29.9019, 0.2964,
0.2673

62.5348, 0.3206,
0.3647

24.1980, 0.2876,
0.2390

73.3393, 0.3244,
0.3840

19.3901, 0.2778,
0.2103

85.2721, 0.3275,
0.4014

15.4295, 0.2671,
0.1823

90.1177, 0.3319,
0.4056

12.2624, 0.2557,
0.1564

91.3878, 0.3372,
0.4043

9.8291, 0.2441,
0.1337

92.7177, 0.3425,
0.4030

8.0605, 0.2327,
0.1155

94.1084, 0.3479,
0.4017

6.8739, 0.2219,
0.1024

95.5606, 0.3532,
0.4004

Harmonies

Analogous

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



44.1729, 0.3052, 0.3191



44.1729, 0.3105, 0.3198



44.1729, 0.3164, 0.3229

Triad

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



44.1729, 0.3105, 0.3198



44.1729, 0.3236, 0.3369



44.1729, 0.3042, 0.3304

Complementary

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



44.1729, 0.3105, 0.3198



46.5928, 0.3149, 0.3382

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.



44.1729, 0.3090, 0.3353



44.1729, 0.3105, 0.3198



44.1729, 0.3202, 0.3391

Square

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



44.1729, 0.3105, 0.3198



44.1729, 0.3240, 0.3327



44.1729, 0.3149, 0.3385



44.1729, 0.3016, 0.3251

Rectangle

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



44.1729, 0.3105, 0.3198



44.1729, 0.3199, 0.3259



44.1729, 0.3149, 0.3385



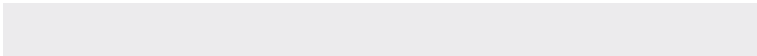
44.1729, 0.3056, 0.3321

Sweetspot

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



44.1748, 0.3105, 0.3198



83.2662, 0.3121, 0.3266



44.9551, 0.3070, 0.3239



18.4085, 0.3122, 0.3267



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.



44.1748, 0.3105, 0.3198



77.2864, 0.3097, 0.3167



44.5288, 0.3134, 0.3203



9.6154, 0.3094, 0.3154



4.4544, 0.2168, 0.0968



0.1929, 0.2434, 0.1114

Inverse Universe

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



44.3813, 0.3164, 0.3250



77.7776, 0.3176, 0.3237



46.2485, 0.3120, 0.3378



9.6834, 0.3182, 0.3231



7.4363, 0.5203, 0.2640



0.2746, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 44.1729, 0.3105, 0.3198 looks on a white background.

Color Contrast Check

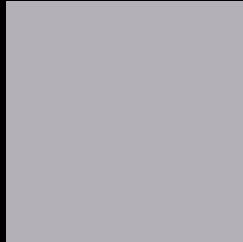
Large Text (above 18pt) WCAG AA × Fail

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 44.1729, 0.3105, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

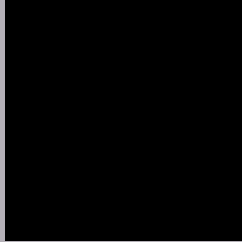
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

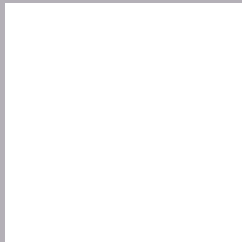
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1729, 0.3105, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 44.1729, 0.3105, 0.3198.



This preview shows how white text looks on a background with the Yxy color 44.1729, 0.3105, 0.3198.

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

44.1729, 0.3105, 0.3198

Protanopia

44.0533, 0.3097, 0.3198

Deuteranopia

44.1722, 0.3206, 0.3137



Tritanopia

44.1578, 0.3066, 0.3108

Trichromacy



Original Color

44.1729, 0.3105, 0.3198

Protanomaly

44.0533, 0.3097, 0.3198

Deuteranomaly

44.0392, 0.3169, 0.3148

Tritanomaly

44.0716, 0.3082, 0.3133

Monochromacy



Original Color

44.1729, 0.3105, 0.3198

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3233, 0.3120, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1729, 0.3105, 0.3198 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 183) }
```

Border

The CSS property to change the border of an element to Yxy 44.1729, 0.3105, 0.3198 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, 183) }
```

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

```
.border{ border-color:rgb(180, 176, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1729, 0.3105, 0.3198 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, 183) }
```

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

```
.background{ background-color: rgb(180,  
176, 183) }
```

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