

Converting Colors

$Yxy(44.4187, 0.3068, 0.3398)$

Have a look what the booklet for
Yxy(44.4187, 0.3068, 0.3398)
contains.

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Color

Yxy(44.2804, 0.3071, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	A7B5AD
RGB	167, 181, 173
RGB Percent	65%, 71%, 68%
CMY	0.3450, 0.2902, 0.3215
CMYK	0.08, 0.00, 0.04, 0.29
HSL	146°, 9%, 68%
HSV	146°, 8%, 71%
XYZ	40.0074, 44.2804, 45.9870
YIQ	175.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

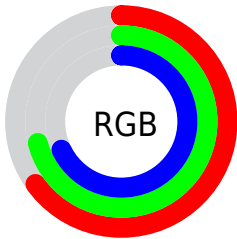
Format	Color
RYB	167, 177, 181
Decimal	10991021
CIELab	72.42, -6.38, 2.38
CIELCh	72, 6.815, 159.523
Yxy	44.2804, 0.3071, 0.3399
Android (android.graphics.Color)	4289181101 (0xFFA7B5AD)
YUV	175.9020, -1.4307, -7.8071
Hunter-Lab	66.5435, -9.1331, 5.6062

Details

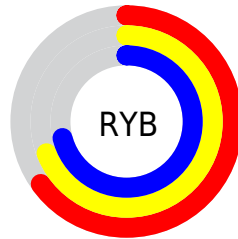
The Yxy color **44.2804, 0.3071, 0.3399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5613, 0.3188, 0.3183**, and the grayscale version is **43.3751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6994, 0.3083, 0.3385**, and **20.4637, 0.3051, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **42.0625, 0.2999, 0.3555**, and if you desaturate by 10%, it is **46.8088, 0.3144, 0.3260**.

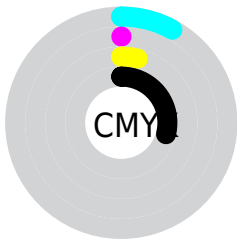
Distribution



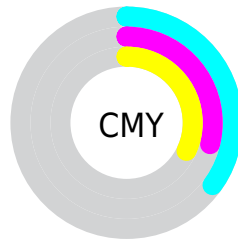
- Red (65%)
- Green (71%)
- Blue (68%)



- Red (65%)
- Yellow (69%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)





- Cyan (35%)
- Magenta (29%)
- Yellow (32%)
- Black (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2804, 0.3071, 0.3399 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 44.2804, 0.3071, 0.3399 by changing the saturation by 10% instead.


 44.2804, 0.3071,
0.3399

 44.2804, 0.3071,
0.3399

363.8513, 0.3100,
0.3344

 30.8910, 0.3064,
0.3413


 81.6395, 0.3082,
0.3379

 20.5159, 0.3054,
0.3431


 106.3780, 0.3085,
0.3371

 12.7706, 0.3041,
0.3456


135.6684, 0.3089,
0.3365

 7.2708, 0.3023,
0.3492

169.8949, 0.3092,
0.3359

 3.6320, 0.2995,
0.3546

209.4421, 0.3094,
0.3355

 1.4699, 0.2947,
0.3640

254.6943, 0.3096,

 0.2674, 0.2006,

0.3351

0.5455

306.0359, 0.3098,
0.3347

0.0000, 0.0000,
0.0000

44.2804, 0.3071,
0.3399

44.2804, 0.3071,
0.3399

42.0625, 0.2999,
0.3555

46.8088, 0.3144,
0.3260

40.1374, 0.2931,
0.3728

49.6535, 0.3216,
0.3137

38.4941, 0.2869,
0.3918

52.8272, 0.3287,
0.3028

37.1187, 0.2816,
0.4122

56.3401, 0.3355,
0.2933

35.9960, 0.2774,
0.4338

59.7220, 0.3399,
0.2847

■ 35.1094, 0.2749,
0.4559

■ 60.3010, 0.3316,
0.2748

■ 34.4402, 0.2741,
0.4779

■ 60.9146, 0.3235,
0.2653

■ 33.9665, 0.2752,
0.4992

■ 61.5269, 0.3161,
0.2565

■ 33.6552, 0.2780,
0.5189

Harmonies

Analogous

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



44.2804, 0.3169, 0.3450



44.2804, 0.3071, 0.3399



44.2804, 0.2989, 0.3318

Triad

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



44.2804, 0.3071, 0.3399



44.2804, 0.2998, 0.3127



44.2804, 0.3313, 0.3346

Complementary

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



44.2804, 0.3071, 0.3399



40.5613, 0.3188, 0.3183

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.



44.2804, 0.3266, 0.3261



44.2804, 0.3071, 0.3399



44.2804, 0.3084, 0.3136

Square

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



44.2804, 0.3071, 0.3399



44.2804, 0.2948, 0.3160



44.2804, 0.3182, 0.3185



44.2804, 0.3310, 0.3418

Rectangle

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



44.2804, 0.3071, 0.3399



44.2804, 0.2955, 0.3258



44.2804, 0.3182, 0.3185



44.2804, 0.3303, 0.3318

Sweetspot

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



44.2823, 0.3071, 0.3399



81.8176, 0.3112, 0.3318



44.9713, 0.3189, 0.3479



17.6944, 0.3113, 0.3316



91.1408, 0.3127, 0.3290



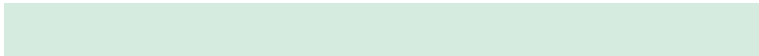
17.8868, 0.3127, 0.3290

Same Dimension

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



44.2823, 0.3071, 0.3399



78.7111, 0.3061, 0.3420



44.5525, 0.3019, 0.3306



9.5487, 0.3060, 0.3423



23.1733, 0.2780, 0.5209



0.7409, 0.2623, 0.4642

Inverse Universe

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



40.5613, 0.3188, 0.3183



70.8923, 0.3200, 0.3163



40.3006, 0.3247, 0.3275



8.5837, 0.3201, 0.3161



7.4639, 0.4638, 0.2329



0.2463, 0.4140, 0.2054

Previews

White Background



This preview shows how the Yxy color 44.2804, 0.3071, 0.3399 looks on a white background.

Color Contrast Check

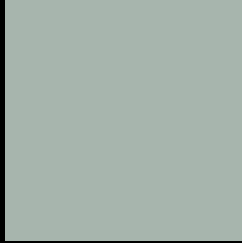
Large Text (above 18pt) WCAG AA × Fail

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 44.2804, 0.3071, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

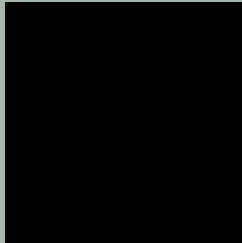
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

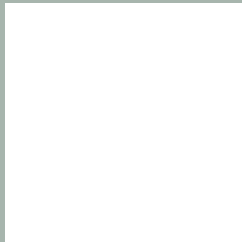
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2804, 0.3071, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 44.2804, 0.3071, 0.3399.



This preview shows how white text looks on a background with the Yxy color 44.2804, 0.3071, 0.3399.

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

44.2804, 0.3071, 0.3399

Protanopia

44.3296, 0.3220, 0.3370

Deuteranopia

44.2023, 0.3311, 0.3252



Tritanopia

44.1926, 0.2951, 0.3104

Trichromacy



Original Color

44.2804, 0.3071, 0.3399

Protanomaly

44.1665, 0.3167, 0.3371

Deuteranomaly

44.0302, 0.3224, 0.3303

Tritanomaly

44.1780, 0.2996, 0.3209

Monochromacy



Original Color

44.2804, 0.3071, 0.3399

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8202, 0.3108, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2804, 0.3071, 0.3399 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(167, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 173)  
}
```

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(167, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.2804, 0.3071, 0.3399 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(167, 181, 173) }
```

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

```
.border{ border-color:rgb(167, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 181,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2804, 0.3071, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 173) }
```

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

```
.background{ background-color: rgb(167,  
181, 173) }
```

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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