

Converting Colors

$Y_{xy}(42.7865, 0.3062, 0.3212)$

Have a look what the booklet for
Yxy(42.7865, 0.3062, 0.3212)
contains.

Yxy(42.8804, 0.3061, 0.3209)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.8804, 0.3061, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	ADAFB5
RGB	173, 175, 181
RGB Percent	68%, 69%, 71%
CMY	0.3216, 0.3137, 0.2902
CMYK	0.04, 0.03, 0.00, 0.29
HSL	225°, 5%, 69%
HSV	225°, 4%, 71%
XYZ	40.9027, 42.8804, 49.8423
YIQ	175.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

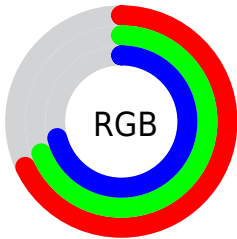
Format	Color
RYB	173, 175, 181
Decimal	11382709
CIELab	71.47, 0.45, -3.32
CIELCh	71, 3.351, 277.722
Yxy	42.8804, 0.3061, 0.3209
Android (android.graphics.Color)	4289572789 (0xFFADAFB5)
YUV	175.0860, 2.9156, -1.8294
Hunter-Lab	65.4831, -3.0990, 0.7098

Details

The Yxy color **42.8804, 0.3061, 0.3209** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0790, 0.3193, 0.3370**, and the grayscale version is **42.9027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2020, 0.3070, 0.3217**, and **19.7894, 0.3047, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **35.9449, 0.2902, 0.3009**, and if you desaturate by 10%, it is **50.6281, 0.3206, 0.3385**.

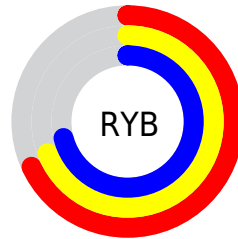
Distribution



Red (68%)

Green (69%)

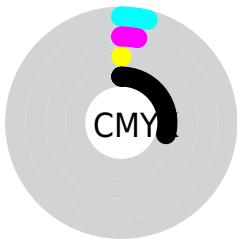
Blue (71%)



Red (68%)

Yellow (69%)

Blue (71%)

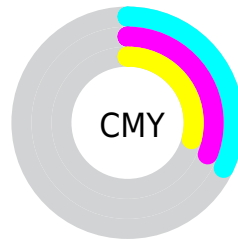


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8804, 0.3061, 0.3209 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 42.8804, 0.3061, 0.3209 by changing the saturation by 10% instead.

■ 42.8804, 0.3061,
0.3209

■ 42.8804, 0.3061,
0.3209

358.1197, 0.3095,
0.3250

■ 29.7913, 0.3052,
0.3199

■ 79.5303, 0.3073,
0.3224

■ 19.6802, 0.3041,
0.3185

103.8600, 0.3078,
0.3230

■ 12.1628, 0.3026,
0.3167

132.7052, 0.3082,
0.3234

■ 6.8547, 0.3005,
0.3141

166.4505, 0.3085,
0.3238

■ 3.3714, 0.2973,
0.3102

205.4802, 0.3088,
0.3242

■ 1.3286, 0.2917,
0.3034

250.1787, 0.3090,

■ 0.1631, 0.2247,

0.3245

0.2208

300.9304, 0.3093,
0.3248

0.0000, 0.0000,
0.0000

42.8804, 0.3061,
0.3209

42.8804, 0.3061,
0.3209

35.9449, 0.2902,
0.3009

50.6281, 0.3206,
0.3385

29.7896, 0.2731,
0.2786

59.2081, 0.3338,
0.3540

24.3880, 0.2550,
0.2540

68.6463, 0.3457,
0.3675

19.7104, 0.2364,
0.2275

78.9660, 0.3564,
0.3792

15.7246, 0.2178,
0.1997

88.5429, 0.3599,
0.3907

■ 12.3963, 0.2002,
0.1717

■ 96.1166, 0.3567,
0.4018

■ 9.6877, 0.1845,
0.1446

■ 7.5568, 0.1717,
0.1200

■ 5.9557, 0.1623,
0.0992

Harmonies

Analogous

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



42.8804, 0.3037, 0.3228



42.8804, 0.3061, 0.3209



42.8804, 0.3103, 0.3212

Triad

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



42.8804, 0.3061, 0.3209



42.8804, 0.3219, 0.3316



42.8804, 0.3102, 0.3346

Complementary

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



42.8804, 0.3061, 0.3209



45.0790, 0.3193, 0.3370

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.



42.8804, 0.3151, 0.3370



42.8804, 0.3061, 0.3209



42.8804, 0.3218, 0.3352

Square

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



42.8804, 0.3061, 0.3209



42.8804, 0.3194, 0.3273



42.8804, 0.3194, 0.3372



42.8804, 0.3061, 0.3307

Rectangle

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



42.8804, 0.3061, 0.3209



42.8804, 0.3136, 0.3226



42.8804, 0.3194, 0.3372



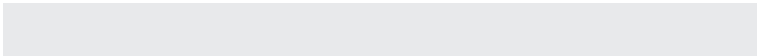
42.8804, 0.3118, 0.3356

Sweetspot

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



42.8822, 0.3061, 0.3209



81.3631, 0.3112, 0.3272



45.1846, 0.3076, 0.3319



17.6015, 0.3113, 0.3273



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.



42.8822, 0.3061, 0.3209



75.9380, 0.3051, 0.3197



42.3172, 0.3078, 0.3182



9.1407, 0.3043, 0.3187



3.7180, 0.1587, 0.0914



0.2116, 0.1742, 0.1472

Inverse Universe

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



42.8032, 0.3182, 0.3263



75.7812, 0.3191, 0.3259



45.6692, 0.3175, 0.3397



9.1203, 0.3197, 0.3256



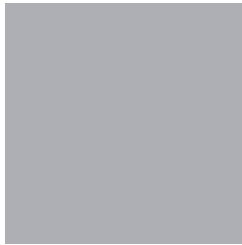
6.9155, 0.5890, 0.3019



0.2271, 0.5096, 0.2581

Previews

White Background



This preview shows how the Yxy color 42.8804, 0.3061, 0.3209 looks on a white background.

Color Contrast Check

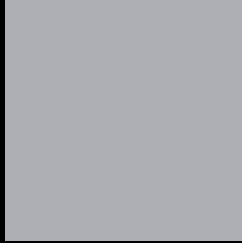
Large Text (above 18pt) WCAG AA × Fail

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 42.8804, 0.3061, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

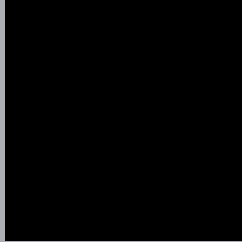
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

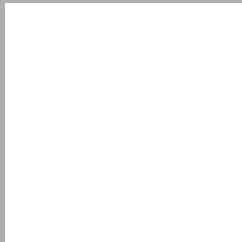
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8804, 0.3061, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 42.8804, 0.3061, 0.3209.

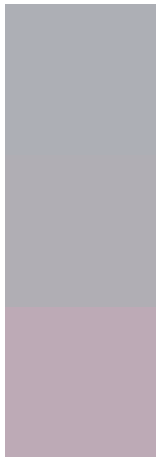


This preview shows how white text looks on a background with the Yxy color 42.8804, 0.3061, 0.3209.

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

42.8804, 0.3061, 0.3209

Protanopia

42.7975, 0.3096, 0.3210

Deuteranopia

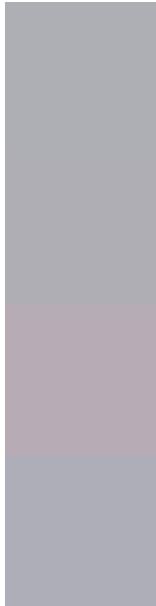
42.9457, 0.3198, 0.3135



Tritanopia

42.9016, 0.3014, 0.3104

Trichromacy



Original Color

42.8804, 0.3061, 0.3209

Protanomaly

42.6814, 0.3087, 0.3209

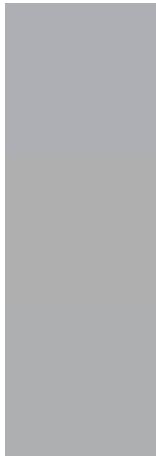
Deuteranomaly

42.9497, 0.3142, 0.3159

Tritanomaly

42.7736, 0.3038, 0.3143

Monochromacy



Original Color

42.8804, 0.3061, 0.3209

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8329, 0.3102, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8804, 0.3061, 0.3209 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(173, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 181)  
}
```

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(173, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.8804, 0.3061, 0.3209 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(173, 175, 181) }
```

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

```
.border{ border-color:rgb(173, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8804, 0.3061, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 181) }
```

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

```
.background{ background-color: rgb(173,  
175, 181) }
```

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