

Converting Colors

$Yxy(43.0946, 0.3011, 0.3237)$

Have a look what the booklet for
Yxy(43.0946, 0.3011, 0.3237)
contains.

Yxy(42.9960, 0.3010, 0.3235)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9960, 0.3010, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	A7B1B5
RGB	167, 177, 181
RGB Percent	65%, 69%, 71%
CMY	0.3449, 0.3059, 0.2902
CMYK	0.08, 0.02, 0.00, 0.29
HSL	197°, 9%, 68%
HSV	197°, 8%, 71%
XYZ	40.0056, 42.9960, 49.9073
YIQ	174.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

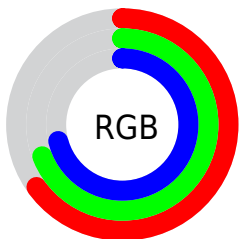
Format	Color
RYB	167, 173, 181
Decimal	10990005
CIELab	71.55, -2.67, -3.25
CIElCh	72, 4.207, 230.632
Yxy	42.9960, 0.3010, 0.3235
Android (android.graphics.Color)	4289180085 (0xFFA7B1B5)
YUV	174.4660, 3.2213, -6.5477
Hunter-Lab	65.5713, -5.8457, 0.7735

Details

The Yxy color **42.9960, 0.3010, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7613, 0.3252, 0.3344**, and the grayscale version is **42.5696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9218, 0.3029, 0.3248**, and **19.6187, 0.2977, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **39.1470, 0.2858, 0.3157**, and if you desaturate by 10%, it is **47.2029, 0.3162, 0.3305**.

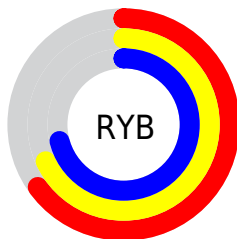
Distribution



Red (65%)

Green (69%)

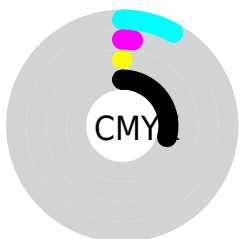
Blue (71%)



Red (65%)

Yellow (68%)

Blue (71%)

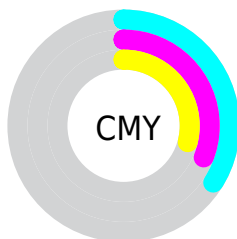


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9960, 0.3010, 0.3235 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 42.9960, 0.3010, 0.3235 by changing the saturation by 10% instead.

■ 42.9960, 0.3010,
0.3235

■ 42.9960, 0.3010,
0.3235

■ 358.5953, 0.3069,
0.3263

■ 29.8820, 0.2995,
0.3228

■ 79.7048, 0.3032,
0.3245

■ 19.7490, 0.2976,
0.3218

■ 104.0684, 0.3040,
0.3249

■ 12.2127, 0.2950,
0.3206

■ 132.9506, 0.3047,
0.3253

■ 6.8887, 0.2913,
0.3187

■ 166.7359, 0.3052,
0.3255

■ 3.3926, 0.2856,
0.3159

■ 205.8086, 0.3057,
0.3258

■ 1.3400, 0.2761,
0.3109

■ 250.5532, 0.3062,

■ 0.1718, 0.1434,

0.3260

0.2510

301.3539, 0.3066,
0.3262

0.0000, 0.0000,
0.0000

42.9960, 0.3010,
0.3235

42.9960, 0.3010,
0.3235

39.1470, 0.2858,
0.3157

47.2029, 0.3162,
0.3305

35.6381, 0.2709,
0.3072

51.7737, 0.3311,
0.3369

32.4581, 0.2565,
0.2981

56.7212, 0.3456,
0.3425

29.5930, 0.2430,
0.2883

62.0561, 0.3596,
0.3475

27.0274, 0.2307,
0.2780

67.3025, 0.3710,
0.3520

■ 24.7447, 0.2200,
0.2674

■ 69.7993, 0.3695,
0.3573

■ 22.7260, 0.2111,
0.2567

■ 72.3793, 0.3680,
0.3625

■ 20.9494, 0.2042,
0.2459

■ 75.0432, 0.3665,
0.3677

■ 19.3818, 0.1991,
0.2353

■ 77.7917, 0.3650,
0.3728

Harmonies

Analogous

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



42.9960, 0.3027, 0.3287



42.9960, 0.3010, 0.3235



42.9960, 0.3024, 0.3199

Triad

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



42.9960, 0.3010, 0.3235



42.9960, 0.3183, 0.3241



42.9960, 0.3189, 0.3395

Complementary

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



42.9960, 0.3010, 0.3235



41.7613, 0.3252, 0.3344

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.



42.9960, 0.3232, 0.3382



42.9960, 0.3010, 0.3235



42.9960, 0.3228, 0.3292

Square

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



42.9960, 0.3010, 0.3235



42.9960, 0.3123, 0.3202



42.9960, 0.3246, 0.3344



42.9960, 0.3131, 0.3380

Rectangle

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



42.9960, 0.3010, 0.3235



42.9960, 0.3048, 0.3188



42.9960, 0.3246, 0.3344



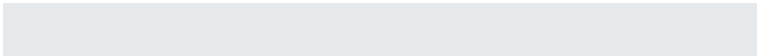
42.9960, 0.3206, 0.3394

Sweetspot

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



42.9978, 0.3010, 0.3235



81.2036, 0.3096, 0.3276



44.2091, 0.3087, 0.3427



17.5688, 0.3098, 0.3277



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.



42.9978, 0.3010, 0.3235



75.9758, 0.2988, 0.3224



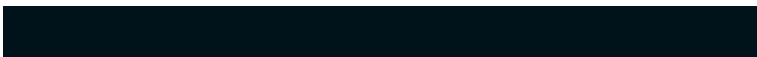
40.3311, 0.3010, 0.3139



9.2109, 0.2986, 0.3223



13.2484, 0.1984, 0.2342



0.5107, 0.2066, 0.2637

Inverse Universe

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



40.6511, 0.3170, 0.3157



71.0587, 0.3179, 0.3132



44.4476, 0.3243, 0.3436



8.6043, 0.3180, 0.3129



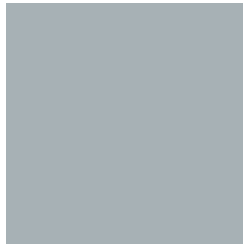
7.8776, 0.4083, 0.2023



0.2573, 0.3788, 0.1860

Previews

White Background



This preview shows how the Yxy color 42.9960, 0.3010, 0.3235 looks on a white background.

Color Contrast Check

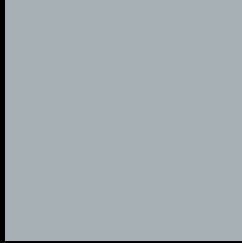
Large Text (above 18pt) WCAG AA × Fail

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 42.9960, 0.3010, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

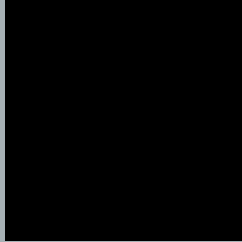
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

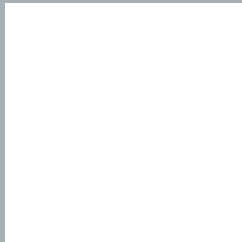
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9960, 0.3010, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 42.9960, 0.3010, 0.3235.



This preview shows how white text looks on a background with the Yxy color 42.9960, 0.3010, 0.3235.

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

42.9960, 0.3010, 0.3235

Protanopia

42.8739, 0.3113, 0.3223

Deuteranopia

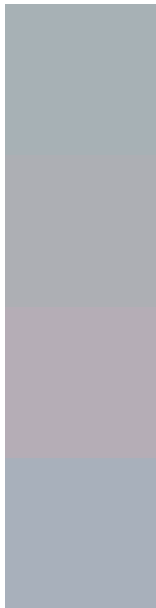
42.9457, 0.3198, 0.3135



Tritanopia

43.0932, 0.2949, 0.3102

Trichromacy



Original Color

42.9960, 0.3010, 0.3235

Protanomaly

42.8395, 0.3069, 0.3222

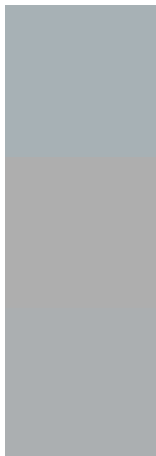
Deuteranomaly

43.0883, 0.3124, 0.3171

Tritanomaly

42.9634, 0.2972, 0.3141

Monochromacy



Original Color

42.9960, 0.3010, 0.3235

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4922, 0.3076, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9960, 0.3010, 0.3235 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, 177, 181)` looks like.

```
.text, #text, p{  
    color:rgb(167, 177, 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(167, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 177, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.9960, 0.3010, 0.3235 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, 177, 181) }
```

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

```
.border{ border-color:rgb(167, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(167, 177,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9960, 0.3010, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 177, 181) }
```

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

```
.background{ background-color: rgb(167,  
177, 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](#).

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