

Converting Colors

$Y_{xy}(41.2015, 0.2902, 0.3101)$

Have a look what the booklet for
Yxy(41.2015, 0.2902, 0.3101)
contains.

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Color

Yxy(41.3335, 0.2905, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	A0AEBB
RGB	160, 174, 187
RGB Percent	63%, 68%, 73%
CMY	0.3724, 0.3177, 0.2666
CMYK	0.14, 0.07, 0.00, 0.27
HSL	209°, 17%, 68%
HSV	209°, 14%, 73%
XYZ	38.6089, 41.3335, 52.9627
YIQ	171.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

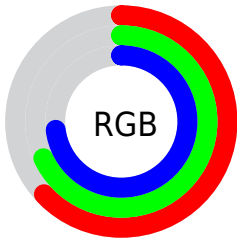
Format	Color
RYB	160, 169, 187
Decimal	10530491
CIELab	70.41, -2.15, -8.31
CIElCh	70, 8.583, 255.474
Yxy	41.3335, 0.2905, 0.3110
Android (android.graphics.Color)	4288720571 (0xFFA0AEBB)
YUV	171.2960, 7.7421, -9.9066
Hunter-Lab	64.2911, -5.3144, -3.8390

Details

The Yxy color **41.3335, 0.2905, 0.3110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0138, 0.3366, 0.3464**, and the grayscale version is **40.8500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9568, 0.2948, 0.3141**, and **18.8284, 0.2835, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **36.1792, 0.2745, 0.2968**, and if you desaturate by 10%, it is **47.0155, 0.3060, 0.3238**.

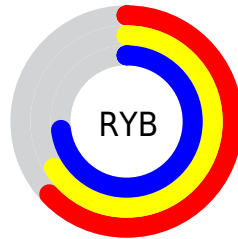
Distribution



Red (63%)

Green (68%)

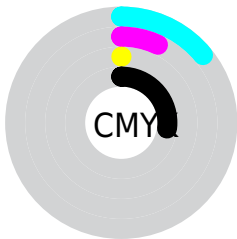
Blue (73%)



Red (63%)

Yellow (66%)

Blue (73%)

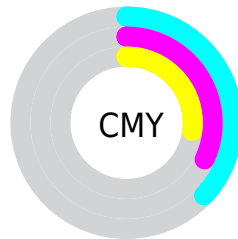


Cyan (14%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (37%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3335, 0.2905, 0.3110 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 41.3335, 0.2905, 0.3110 by changing the saturation by 10% instead.


 41.3335, 0.2905,
0.3110


 41.3335, 0.2905,
0.3110

351.7125, 0.3018,
0.3202

 28.5798, 0.2876,
0.3086


 77.1899, 0.2946,
0.3144

 18.7632, 0.2839,
0.3056


 101.0614, 0.2962,
0.3157

 11.4993, 0.2789,
0.3014


129.4075, 0.2975,
0.3167

 6.4037, 0.2719,
0.2955

162.6128, 0.2986,
0.3176

 3.0921, 0.2611,
0.2863

201.0615, 0.2995,
0.3184

 1.1800, 0.2427,
0.2704

245.1381, 0.3004,

 0.0453, 0.0000,

0.3191

0.0670

295.2270, 0.3011,
0.3197

0.0000, 0.0000,
0.0000

41.3335, 0.2905,
0.3110

41.3335, 0.2905,
0.3110

36.1792, 0.2745,
0.2968

47.0155, 0.3060,
0.3238

31.5301, 0.2585,
0.2813

53.2366, 0.3209,
0.3352

27.3692, 0.2426,
0.2646

60.0142, 0.3351,
0.3453

23.6765, 0.2274,
0.2468

67.3633, 0.3484,
0.3543

20.4306, 0.2133,
0.2283

75.2985, 0.3609,
0.3621

■ 17.6074, 0.2009,
0.2096

■ 80.4150, 0.3597,
0.3708

■ 15.1802, 0.1906,
0.1910

■ 85.5154, 0.3574,
0.3795

■ 13.1173, 0.1825,
0.1731

■ 90.8789, 0.3552,
0.3879

■ 12.0932, 0.1788,
0.1635

■ 96.3683, 0.3532,
0.3959

Harmonies

Analogous

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



41.3335, 0.2888, 0.3191



41.3335, 0.2905, 0.3110



41.3335, 0.2980, 0.3078

Triad

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



41.3335, 0.2905, 0.3110



41.3335, 0.3324, 0.3274



41.3335, 0.3155, 0.3489

Complementary

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



41.3335, 0.2905, 0.3110



43.0138, 0.3366, 0.3464

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.



41.3335, 0.3273, 0.3508



41.3335, 0.2905, 0.3110



41.3335, 0.3372, 0.3381

Square

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



41.3335, 0.2905, 0.3110



41.3335, 0.3222, 0.3172



41.3335, 0.3354, 0.3468



41.3335, 0.3031, 0.3412

Rectangle

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



41.3335, 0.2905, 0.3110



41.3335, 0.3054, 0.3088



41.3335, 0.3354, 0.3468



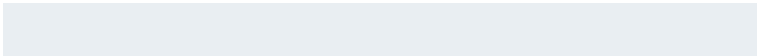
41.3335, 0.3197, 0.3502

Sweetspot

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



41.3352, 0.2905, 0.3110



84.5765, 0.3066, 0.3242



46.0255, 0.3015, 0.3488



18.4475, 0.3054, 0.3233



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.3352, 0.2905, 0.3110



71.2947, 0.2860, 0.3071



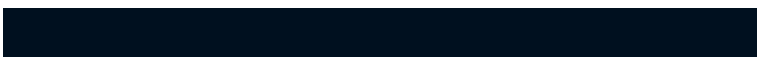
36.5331, 0.2899, 0.2925



10.0198, 0.2984, 0.3176



8.4765, 0.1793, 0.1655



0.4625, 0.1911, 0.2080

Inverse Universe

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



38.7763, 0.3260, 0.3105



66.0203, 0.3291, 0.3067



48.2707, 0.3342, 0.3631



9.6166, 0.3210, 0.3172



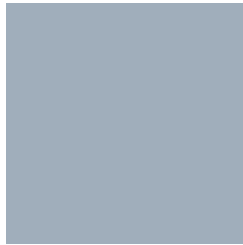
7.8854, 0.4862, 0.2452



0.3220, 0.4363, 0.2177

Previews

White Background



This preview shows how the Yxy color 41.3335, 0.2905, 0.3110 looks on a white background.

Color Contrast Check

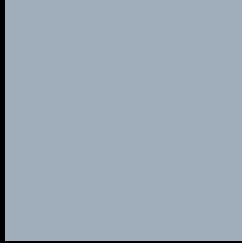
Large Text (above 18pt) WCAG AA × Fail

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 41.3335, 0.2905, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

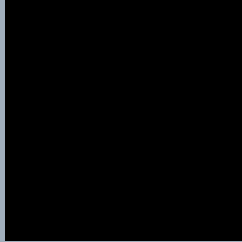
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

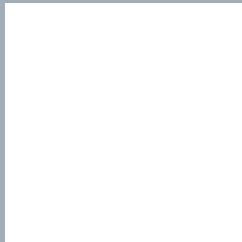
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3335, 0.2905, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 41.3335, 0.2905, 0.3110.

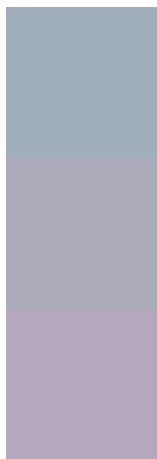


This preview shows how white text looks on a background with the Yxy color 41.3335, 0.2905, 0.3110.

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

41.3335, 0.2905, 0.3110

Protanopia

41.2865, 0.3013, 0.3101

Deuteranopia

41.0920, 0.3077, 0.3014



Tritanopia

41.3765, 0.2897, 0.3097

Trichromacy



Original Color

41.3335, 0.2905, 0.3110

Protanomaly

41.2657, 0.2970, 0.3099

Deuteranomaly

41.2645, 0.3006, 0.3049

Tritanomaly

41.3765, 0.2897, 0.3097

Monochromacy



Original Color

41.3335, 0.2905, 0.3110

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8949, 0.3042, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3335, 0.2905, 0.3110 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(160, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 187)  
}
```

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(160, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 187) }
```

Border

The CSS property to change the border of an element to Yxy 41.3335, 0.2905, 0.3110 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(160, 174, 187) }
```

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

```
.border{ border-color:rgb(160, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3335, 0.2905, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 187) }
```

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

```
.background{ background-color: rgb(160,  
174, 187) }
```

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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