

Converting Colors

$Yxy(41.2842, 0.2900, 0.3089)$

Have a look what the booklet for
Yxy(41.2842, 0.2900, 0.3089)
contains.

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Color

Yxy(41.4800, 0.2905, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	A1AEBC
RGB	161, 174, 188
RGB Percent	63%, 68%, 74%
CMY	0.3688, 0.3176, 0.2626
CMYK	0.14, 0.07, 0.00, 0.26
HSL	211°, 17%, 68%
HSV	211°, 14%, 74%
XYZ	38.9084, 41.4800, 53.5476
YIQ	171.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

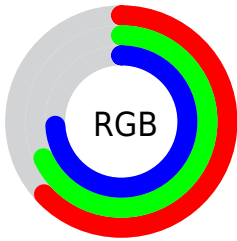
Format	Color
R _Y B	161, 170, 188
Decimal	10596028
CIE Lab	70.51, -1.64, -8.71
CIE LCh	71, 8.862, 259.353
Yxy	41.4800, 0.2905, 0.3097
Android (android.graphics.Color)	4288786108 (0xFFA1AEB0)
YUV	171.7090, 8.0315, -9.3918
Hunter-Lab	64.4050, -4.8730, -4.2115

Details

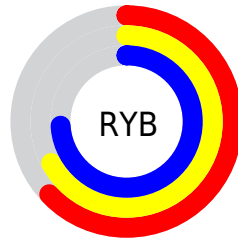
The Yxy color **41.4800, 0.2905, 0.3097** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9217, 0.3364, 0.3476**, and the grayscale version is **41.0626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1692, 0.2948, 0.3131**, and **18.9195, 0.2836, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **36.0448, 0.2744, 0.2945**, and if you desaturate by 10%, it is **47.4853, 0.3061, 0.3234**.

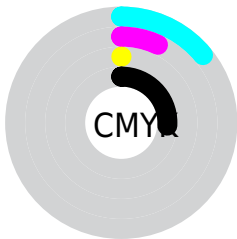
Distribution



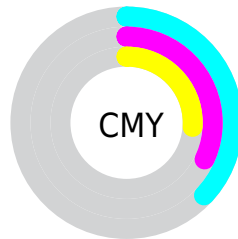
- Red (63%)
- Green (68%)
- Blue (74%)



- Red (63%)
- Yellow (67%)
- Blue (74%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (37%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4800, 0.2905, 0.3097 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 41.4800, 0.2905, 0.3097 by changing the saturation by 10% instead.

■ 41.4800, 0.2905,
0.3097

■ 41.4800, 0.2905,
0.3097

352.3228, 0.3018,
0.3196

■ 28.6943, 0.2876,
0.3072

■ 77.4120, 0.2946,
0.3133

■ 18.8497, 0.2839,
0.3039

■ 101.3272, 0.2962,
0.3147

■ 11.5617, 0.2789,
0.2995

129.7209, 0.2975,
0.3158

■ 6.4460, 0.2719,
0.2932

162.9777, 0.2986,
0.3168

■ 3.1181, 0.2611,
0.2835

201.4819, 0.2995,
0.3176

■ 1.1937, 0.2429,
0.2668

245.6178, 0.3004,

■ 0.0566, 0.0186,

0.3183

0.0763

295.7700, 0.3011,
0.3190

0.0000, 0.0000,
0.0000

41.4800, 0.2905,
0.3097

41.4800, 0.2905,
0.3097

36.0448, 0.2744,
0.2945

47.4853, 0.3061,
0.3234

31.1558, 0.2580,
0.2777

54.0735, 0.3210,
0.3357

26.7946, 0.2418,
0.2597

61.2632, 0.3350,
0.3466

22.9399, 0.2261,
0.2405

69.0705, 0.3481,
0.3561

19.5685, 0.2115,
0.2206

77.5112, 0.3603,
0.3645

■ 16.6549, 0.1986,
0.2004

■ 82.8614, 0.3579,
0.3740

■ 14.1703, 0.1878,
0.1806

■ 88.5125, 0.3556,
0.3832

■ 12.0811, 0.1794,
0.1617

■ 94.4726, 0.3533,
0.3921

■ 11.0494, 0.1755,
0.1516

■ 96.4120, 0.3526,
0.3949

Harmonies

Analogous

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



41.4800, 0.2880, 0.3175



41.4800, 0.2905, 0.3097



41.4800, 0.2989, 0.3072

Triad

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



41.4800, 0.2905, 0.3097



41.4800, 0.3340, 0.3288



41.4800, 0.3139, 0.3488

Complementary

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



41.4800, 0.2905, 0.3097



43.9217, 0.3364, 0.3476

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.



41.4800, 0.3264, 0.3516



41.4800, 0.2905, 0.3097



41.4800, 0.3381, 0.3397

Square

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



41.4800, 0.2905, 0.3097



41.4800, 0.3240, 0.3181



41.4800, 0.3353, 0.3482



41.4800, 0.3013, 0.3403

Rectangle

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



41.4800, 0.2905, 0.3097



41.4800, 0.3068, 0.3086



41.4800, 0.3353, 0.3482



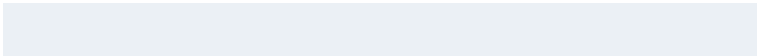
41.4800, 0.3182, 0.3504

Sweetspot

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



41.4817, 0.2905, 0.3097



86.4036, 0.3066, 0.3239



46.6452, 0.3006, 0.3469



18.3957, 0.3054, 0.3229



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.



41.4817, 0.2905, 0.3097



72.2069, 0.2859, 0.3055



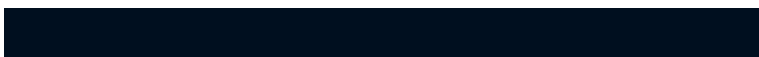
36.7316, 0.2903, 0.2913



9.9637, 0.2984, 0.3168



7.6680, 0.1761, 0.1538



0.4314, 0.1885, 0.1987

Inverse Universe

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



39.2301, 0.3269, 0.3118



67.5161, 0.3302, 0.3082



49.1880, 0.3336, 0.3642



9.6109, 0.3215, 0.3180



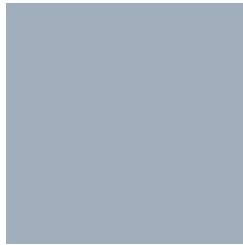
7.8038, 0.5010, 0.2534



0.3189, 0.4468, 0.2235

Previews

White Background



This preview shows how the Yxy color 41.4800, 0.2905, 0.3097 looks on a white background.

Color Contrast Check

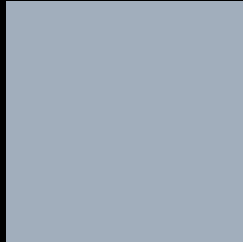
Large Text (above 18pt) WCAG AA × Fail

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 41.4800, 0.2905, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

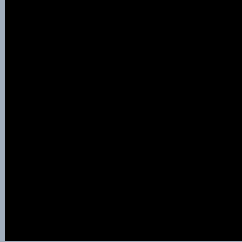
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

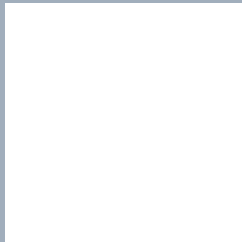
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4800, 0.2905, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 41.4800, 0.2905, 0.3097.

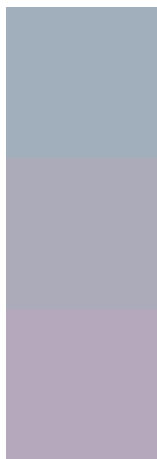


This preview shows how white text looks on a background with the Yxy color 41.4800, 0.2905, 0.3097.

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

41.4800, 0.2905, 0.3097

Protanopia

41.3289, 0.3005, 0.3087

Deuteranopia

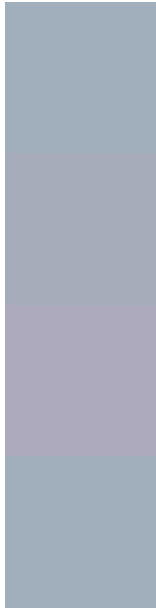
41.5031, 0.3068, 0.3015



Tritanopia

41.4800, 0.2905, 0.3097

Trichromacy



Original Color

41.4800, 0.2905, 0.3097

Protanomaly

41.3084, 0.2963, 0.3086

Deuteranomaly

41.4222, 0.3007, 0.3036

Tritanomaly

41.4800, 0.2905, 0.3097

Monochromacy



Original Color

41.4800, 0.2905, 0.3097

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4263, 0.3042, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4800, 0.2905, 0.3097 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(161, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(161, 174, 188)  
}
```

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(161, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 174, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.4800, 0.2905, 0.3097 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(161, 174, 188) }
```

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

```
.border{ border-color:rgb(161, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(161, 174,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4800, 0.2905, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 174, 188) }
```

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

```
.background{ background-color: rgb(161,  
174, 188) }
```

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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