

Converting Colors

$Y_{xy}(43.0227, 0.2862, 0.2910)$

Have a look what the booklet for
Yxy(43.0227, 0.2862, 0.2910)
contains.

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Color

Yxy(43.0189, 0.2859, 0.2909)

Conversions

Conversions Part 1	
Format	Color
Hex	A9AECB
RGB	169, 174, 203
RGB Percent	66%, 68%, 80%
CMY	0.3372, 0.3176, 0.2039
CMYK	0.17, 0.14, 0.00, 0.20
HSL	231°, 25%, 73%
HSV	231°, 17%, 80%
XYZ	42.2795, 43.0189, 62.5837
YIQ	175.8110, -12.2890, 7.9590

Conversions

Conversions Part 2

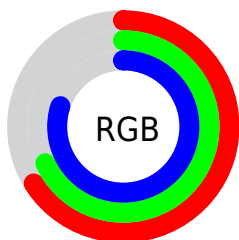
Format	Color
RYB	169, 173, 203
Decimal	11120331
CIELab	71.57, 4.23, -15.31
CIELCh	72, 15.885, 285.457
Yxy	43.0189, 0.2859, 0.2909
Android (android.graphics.Color)	4289310411 (0xFFA9AECB)
YUV	175.8110, 13.4042, -5.9732
Hunter-Lab	65.5888, 0.2833, -10.6613

Details

The Yxy color `43.0189, 0.2859, 0.2909` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `55.9600, 0.3386, 0.3644`, and the grayscale version is `43.2477, 0.3127, 0.3290`.

A 20% lighter version of the original color is `79.1059, 0.2935, 0.3022`, and `19.8709, 0.2785, 0.2806` is the 20% darker color. If you saturate the color by 10%, you get `34.6808, 0.2678, 0.2644`, and if you desaturate by 10%, it is `52.5720, 0.3025, 0.3146`.

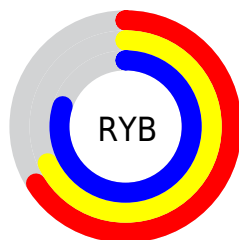
Distribution



Red (66%)

Green (68%)

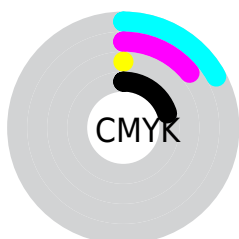
Blue (80%)



Red (66%)

Yellow (68%)

Blue (80%)

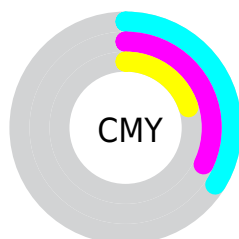


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (20%)



Cyan (34%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0189, 0.2859, 0.2909 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 43.0189, 0.2859, 0.2909 by changing the saturation by 10% instead.

 43.0189, 0.2859,
0.2909


 43.0189, 0.2859,
0.2909


 358.6895, 0.2995,
0.3099


 29.8999, 0.2825,
0.2862


 79.7394, 0.2909,
0.2978

 19.7627, 0.2781,
0.2801


 104.1097, 0.2927,
0.3004

 12.2226, 0.2721,
0.2722


 132.9993, 0.2943,
0.3026

 6.8955, 0.2638,
0.2611

 166.7924, 0.2956,
0.3045

 3.3968, 0.2514,
0.2448

 205.8737, 0.2968,
0.3061

 1.3422, 0.2309,
0.2187


 250.6273, 0.2978,


 0.1736, 0.1549,


0.3075

0.1002


301.4378, 0.2987,
0.3088


 0.0000, 0.0000,
0.0000

 43.0189, 0.2859,
0.2909


 43.0189, 0.2859,
0.2909


 34.6808, 0.2678,
0.2644

 52.5720, 0.3025,
0.3146

 27.5036, 0.2485,
0.2354


 63.3808, 0.3174,
0.3355


 21.4369, 0.2285,
0.2046

 75.4905, 0.3307,
0.3537

 16.4247, 0.2088,
0.1731

 88.9427, 0.3424,
0.3695

 12.4059, 0.1905,
0.1426

 97.0925, 0.3436,
0.3800

■ 9.3128, 0.1747,
0.1149

■ 7.0692, 0.1627,
0.0921

■ 5.5837, 0.1550,
0.0754

■ 5.2322, 0.1531,
0.0713

Harmonies

Analogous

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



43.0189, 0.2726, 0.2961



43.0189, 0.2859, 0.2909



43.0189, 0.3067, 0.2953

Triad

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



43.0189, 0.2859, 0.2909



43.0189, 0.3578, 0.3450



43.0189, 0.2950, 0.3516

Complementary

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



43.0189, 0.2859, 0.2909



55.9600, 0.3386, 0.3644

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.



43.0189, 0.3175, 0.3660



43.0189, 0.2859, 0.2909



43.0189, 0.3541, 0.3610

Square

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



43.0189, 0.2859, 0.2909



43.0189, 0.3487, 0.3257



43.0189, 0.3392, 0.3692



43.0189, 0.2777, 0.3309

Rectangle

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



43.0189, 0.2859, 0.2909



43.0189, 0.3222, 0.3029



43.0189, 0.3392, 0.3692



43.0189, 0.3022, 0.3574

Sweetspot

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



43.0207, 0.2859, 0.2909



90.9170, 0.3051, 0.3183



55.2277, 0.2910, 0.3354



19.1961, 0.3040, 0.3168



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.0207, 0.2859, 0.2909



66.8910, 0.2797, 0.2819



42.5029, 0.2955, 0.2854



11.1055, 0.2982, 0.3086



3.4118, 0.1536, 0.0728



0.2635, 0.1619, 0.1029

Inverse Universe

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



44.1324, 0.3399, 0.3228



69.1736, 0.3469, 0.3214



56.6745, 0.3280, 0.3715



11.2401, 0.3267, 0.3256



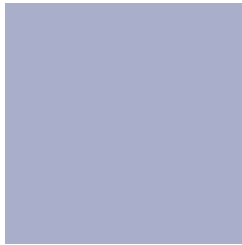
8.1474, 0.6186, 0.3181



0.4292, 0.5716, 0.2922

Previews

White Background



This preview shows how the Yxy color 43.0189, 0.2859, 0.2909 looks on a white background.

Color Contrast Check

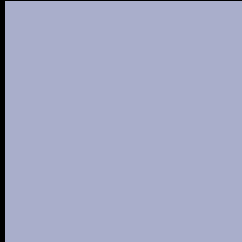
Large Text (above 18pt) WCAG AA × Fail

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 43.0189, 0.2859, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

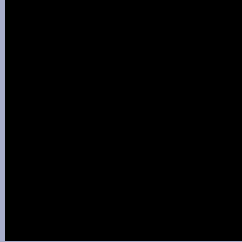
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

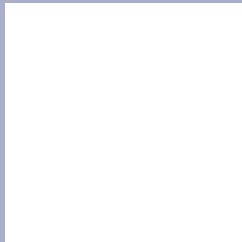
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0189, 0.2859, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 43.0189, 0.2859, 0.2909.



This preview shows how white text looks on a background with the Yxy color 43.0189, 0.2859, 0.2909.

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

43.0189, 0.2859, 0.2909

Protanopia

43.1299, 0.2867, 0.2910

Deuteranopia

43.0692, 0.2932, 0.2867



Tritanopia

42.9839, 0.2940, 0.3101

Trichromacy



Original Color
43.0189, 0.2859, 0.2909

Protanomaly
43.1299, 0.2867, 0.2910

Deuteranomaly
42.9786, 0.2899, 0.2876

Tritanomaly
42.9249, 0.2911, 0.3023

Monochromacy



Original Color
43.0189, 0.2859, 0.2909

Achromatopsia
43.4154, 0.3127, 0.3290

Achromatomaly
43.0894, 0.3022, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0189, 0.2859, 0.2909 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(169, 174, 203) looks like.

```
.text, #text, p{  
    color:rgb(169, 174, 203)  
}
```

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(169, 174, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 174, 203) }
```

Border

The CSS property to change the border of an element to Yxy 43.0189, 0.2859, 0.2909 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(169, 174, 203) }
```

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

```
.border{ border-color:rgb(169, 174, 203) }
```

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

Here you see how a box with a 4 pixel rgb(169, 174, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 174, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 174, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 174,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0189, 0.2859, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 174, 203) }
```

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

```
.background{ background-color: rgb(169,  
174, 203) }
```

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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