

Converting Colors

$Y_{xy}(41.7504, 0.2851, 0.2862)$

Have a look what the booklet for
Yxy(41.7504, 0.2851, 0.2862)
contains.

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Color

Yxy(41.8726, 0.2857, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	A9ABCB
RGB	169, 171, 203
RGB Percent	66%, 67%, 80%
CMY	0.3374, 0.3293, 0.2040
CMYK	0.17, 0.16, 0.00, 0.20
HSL	236°, 25%, 73%
HSV	236°, 17%, 80%
XYZ	41.6975, 41.8726, 62.3784
YIQ	174.0500, -11.4640, 9.5280

Conversions

Conversions Part 2

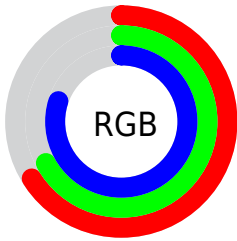
Format	Color
R _{YB}	169, 171, 203
Decimal	11119563
CIE Lab	70.78, 5.86, -16.48
CIE LCh	71, 17.491, 289.563
Yxy	41.8726, 0.2857, 0.2869
Android (android.graphics.Color)	4289309643 (0xFFA9ABCB)
YUV	174.0500, 14.2724, -4.4288
Hunter-Lab	64.7090, 1.7817, -11.8582

Details

The Yxy color $41.8726, 0.2857, 0.2869$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $57.3030, 0.3381, 0.3679$, and the grayscale version is $42.2823, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4600, 0.2934, 0.2991$, and $19.1455, 0.2781, 0.2750$ is the 20% darker color. If you saturate the color by 10%, you get $33.1070, 0.2671, 0.2576$, and if you desaturate by 10%, it is $52.0300, 0.3025, 0.3131$.

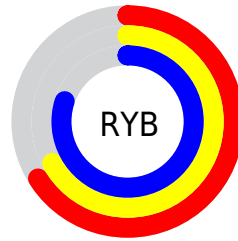
Distribution



Red (66%)

Green (67%)

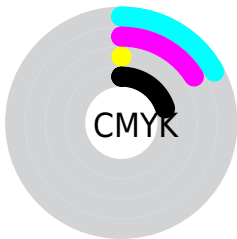
Blue (80%)



Red (66%)

Yellow (67%)

Blue (80%)

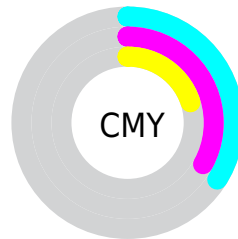


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8726, 0.2857, 0.2869 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 41.8726, 0.2857, 0.2869 by changing the saturation by 10% instead.

■ 41.8726, 0.2857,
0.2869

■ 41.8726, 0.2857,
0.2869

■ 353.9545, 0.2995,
0.3079

■ 29.0015, 0.2822,
0.2817

■ 78.0068, 0.2907,
0.2945

■ 19.0820, 0.2777,
0.2750

■ 102.0387, 0.2926,
0.2974

■ 11.7295, 0.2716,
0.2662

■ 130.5597, 0.2942,
0.2998

■ 6.5598, 0.2630,
0.2540

■ 163.9541, 0.2956,
0.3019

■ 3.1884, 0.2501,
0.2360

■ 202.6064, 0.2967,
0.3037

■ 1.2308, 0.2286,
0.2073

■ 246.9010, 0.2978,

■ 0.0867, 0.1420,

0.3053

0.0546

297.2223, 0.2987,
0.3067

0.0000, 0.0000,
0.0000

41.8726, 0.2857,
0.2869

41.8726, 0.2857,
0.2869

33.1070, 0.2671,
0.2576

52.0300, 0.3025,
0.3131

25.6678, 0.2471,
0.2257

63.6307, 0.3173,
0.3361

19.4917, 0.2262,
0.1920

76.7300, 0.3303,
0.3561

14.5086, 0.2056,
0.1583

91.3785, 0.3417,
0.3734

10.6413, 0.1866,
0.1266

97.0914, 0.3436,
0.3800

■ 7.8037, 0.1707,
0.0994

■ 5.8968, 0.1591,
0.0788

■ 4.8002, 0.1524,
0.0660

■ 4.5804, 0.1509,
0.0634

Harmonies

Analogous

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



41.8726, 0.2697, 0.2911



41.8726, 0.2857, 0.2869



41.8726, 0.3094, 0.2931

Triad

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



41.8726, 0.2857, 0.2869



41.8726, 0.3631, 0.3493



41.8726, 0.2899, 0.3513

Complementary

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



41.8726, 0.2857, 0.2869



57.3030, 0.3381, 0.3679

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.



41.8726, 0.3144, 0.3687



41.8726, 0.2857, 0.2869



41.8726, 0.3571, 0.3663

Square

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



41.8726, 0.2857, 0.2869



41.8726, 0.3549, 0.3281



41.8726, 0.3390, 0.3740



41.8726, 0.2720, 0.3276

Rectangle

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



41.8726, 0.2857, 0.2869



41.8726, 0.3267, 0.3022



41.8726, 0.3390, 0.3740



41.8726, 0.2976, 0.3582

Sweetspot

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



41.8743, 0.2857, 0.2869



90.2542, 0.3051, 0.3172



55.3427, 0.2891, 0.3318



19.0357, 0.3040, 0.3155



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.



41.8743, 0.2857, 0.2869



64.7204, 0.2794, 0.2770



42.8280, 0.2979, 0.2857



10.9508, 0.2982, 0.3065



2.9611, 0.1512, 0.0642



0.1917, 0.1551, 0.0785

Inverse Universe

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



43.9984, 0.3425, 0.3265



68.9545, 0.3503, 0.3260



56.2936, 0.3257, 0.3718



11.2245, 0.3281, 0.3276



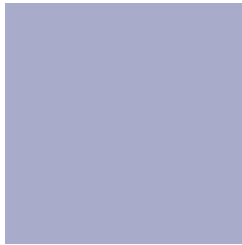
8.1019, 0.6329, 0.3260



0.4219, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 41.8726, 0.2857, 0.2869 looks on a white background.

Color Contrast Check

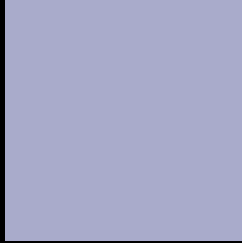
Large Text (above 18pt) WCAG AA × Fail

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 41.8726, 0.2857, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

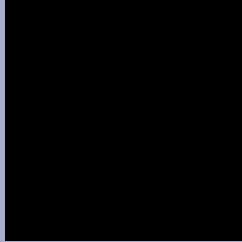
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8726, 0.2857, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 41.8726, 0.2857, 0.2869.



This preview shows how white text looks on a background with the Yxy color 41.8726, 0.2857, 0.2869.

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

41.8726, 0.2857, 0.2869

Protanopia

42.0323, 0.2842, 0.2880

Deuteranopia

41.8017, 0.2906, 0.2848



Tritanopia

41.9670, 0.2955, 0.3113

Trichromacy



Original Color

41.8726, 0.2857, 0.2869

Protanomaly

42.1417, 0.2850, 0.2881

Deuteranomaly

41.9455, 0.2890, 0.2859

Tritanomaly

41.9529, 0.2917, 0.3021

Monochromacy



Original Color

41.8726, 0.2857, 0.2869

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1606, 0.3021, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8726, 0.2857, 0.2869 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, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 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, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 203) }
```

Border

The CSS property to change the border of an element to Yxy 41.8726, 0.2857, 0.2869 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, 171, 203) }
```

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

```
.border{ border-color:rgb(169, 171, 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, 171, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 171, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 171, 203); box-shadow:4px 4px 4px 4px rgb(169, 171, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8726, 0.2857, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 203) }
```

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

```
.background{ background-color: rgb(169,  
171, 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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