

Converting Colors

$Y_{xy}(43.9520, 0.2877, 0.2902)$

Have a look what the booklet for
Yxy(43.9520, 0.2877, 0.2902)
contains.

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Color

Yxy(43.9520, 0.2877, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	ADAFCF
RGB	173, 175, 205
RGB Percent	68%, 69%, 80%
CMY	0.3217, 0.3136, 0.1962
CMYK	0.16, 0.15, 0.00, 0.20
HSL	236°, 24%, 74%
HSV	236°, 16%, 80%
XYZ	43.5734, 43.9520, 63.9288
YIQ	177.8220, -10.8220, 8.9060

Conversions

Conversions Part 2

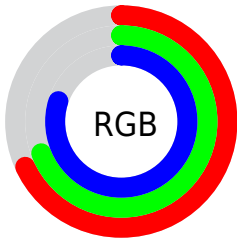
Format	Color
RYB	173, 175, 205
Decimal	11382733
CIELab	72.20, 5.38, -15.41
CIELCh	72, 16.321, 289.241
Yxy	43.9520, 0.2877, 0.2902
Android (android.graphics.Color)	4289572813 (0xFFADAFCD)
YUV	177.8220, 13.3988, -4.2289
Hunter-Lab	66.2963, 1.3009, -10.7653

Details

The Yxy color $43.9520, 0.2877, 0.2902$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $58.6625, 0.3363, 0.3651$, and the grayscale version is $44.3515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4716, 0.2967, 0.3035$, and $20.3934, 0.2799, 0.2796$ is the 20% darker color. If you saturate the color by 10%, you get $34.8507, 0.2693, 0.2614$, and if you desaturate by 10%, it is $54.4756, 0.3042, 0.3159$.

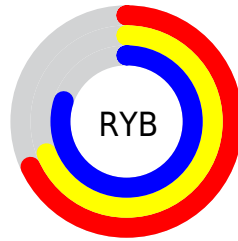
Distribution



Red (68%)

Green (69%)

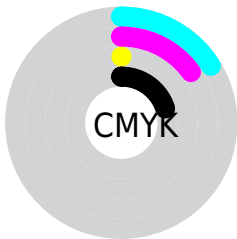
Blue (80%)



Red (68%)

Yellow (69%)

Blue (80%)

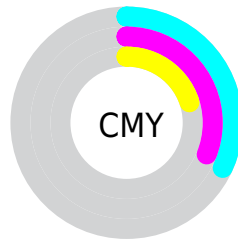


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9520, 0.2877, 0.2902 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 43.9520, 0.2877, 0.2902 by changing the saturation by 10% instead.

■ 43.9520, 0.2877,
0.2902

■ 43.9520, 0.2877,
0.2902

■ 362.5124, 0.3003,
0.3094

■ 30.6328, 0.2845,
0.2855

■ 81.1455, 0.2923,
0.2972

■ 20.3194, 0.2804,
0.2794

■ 105.7886, 0.2940,
0.2998

■ 12.6274, 0.2749,
0.2714

■ 134.9751, 0.2955,
0.3020

■ 7.1725, 0.2672,
0.2604

■ 169.0893, 0.2967,
0.3039

■ 3.5702, 0.2558,
0.2443

■ 208.5158, 0.2978,
0.3056

■ 1.4362, 0.2369,
0.2188

■ 253.6389, 0.2988,

■ 0.2432, 0.1813,

0.3070

0.1216

304.8429, 0.2996,
0.3083

0.0000, 0.0000,
0.0000

43.9520, 0.2877,
0.2902

43.9520, 0.2877,
0.2902

34.8507, 0.2693,
0.2614

54.4756, 0.3042,
0.3159

27.1054, 0.2495,
0.2298

66.4731, 0.3189,
0.3385

20.6529, 0.2287,
0.1964

80.0001, 0.3318,
0.3581

15.4227, 0.2080,
0.1626

95.1080, 0.3429,
0.3750

11.3374, 0.1888,
0.1306

97.1866, 0.3424,
0.3781

■ 8.3111, 0.1724,
0.1028

■ 6.2454, 0.1603,
0.0813

■ 5.0232, 0.1530,
0.0674

■ 4.6997, 0.1510,
0.0636

Harmonies

Analogous

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



43.9520, 0.2730, 0.2942



43.9520, 0.2877, 0.2902



43.9520, 0.3095, 0.2958

Triad

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



43.9520, 0.2877, 0.2902



43.9520, 0.3589, 0.3476



43.9520, 0.2920, 0.3497

Complementary

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



43.9520, 0.2877, 0.2902



58.6625, 0.3363, 0.3651

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.



43.9520, 0.3146, 0.3655



43.9520, 0.2877, 0.2902



43.9520, 0.3536, 0.3632

Square

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



43.9520, 0.2877, 0.2902



43.9520, 0.3513, 0.3281



43.9520, 0.3372, 0.3702



43.9520, 0.2754, 0.3281

Rectangle

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



43.9520, 0.2877, 0.2902



43.9520, 0.3254, 0.3042



43.9520, 0.3372, 0.3702



43.9520, 0.2991, 0.3559

Sweetspot

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



43.9538, 0.2877, 0.2902



90.2853, 0.3051, 0.3173



56.8349, 0.2906, 0.3316



19.0433, 0.3040, 0.3156



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.



43.9538, 0.2877, 0.2902



66.3513, 0.2813, 0.2801



44.8213, 0.2990, 0.2888



10.9580, 0.2982, 0.3066



2.9760, 0.1513, 0.0645



0.1950, 0.1555, 0.0797

Inverse Universe

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



45.9427, 0.3400, 0.3265



70.3046, 0.3478, 0.3259



57.7562, 0.3249, 0.3688



11.2252, 0.3280, 0.3275



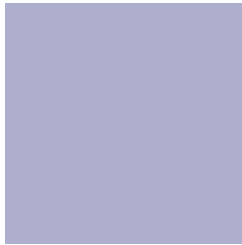
8.1034, 0.6324, 0.3257



0.4222, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 43.9520, 0.2877, 0.2902 looks on a white background.

Color Contrast Check

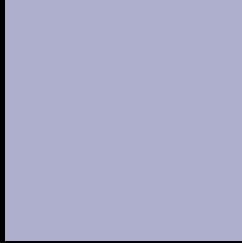
Large Text (above 18pt) WCAG AA × Fail

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 43.9520, 0.2877, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

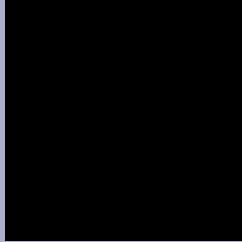
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9520, 0.2877, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 43.9520, 0.2877, 0.2902.



This preview shows how white text looks on a background with the Yxy color 43.9520, 0.2877, 0.2902.

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

43.9520, 0.2877, 0.2902

Protanopia

43.7256, 0.2861, 0.2900

Deuteranopia

43.9982, 0.2933, 0.2882



Tritanopia

43.8638, 0.2966, 0.3104

Trichromacy



Original Color

43.9520, 0.2877, 0.2902

Protanomaly

43.8384, 0.2869, 0.2901

Deuteranomaly

44.0270, 0.2909, 0.2892

Tritanomaly

43.8068, 0.2936, 0.3026

Monochromacy



Original Color

43.9520, 0.2877, 0.2902

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3052, 0.3031, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9520, 0.2877, 0.2902 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(173, 175, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 205)  
}
```

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(173, 175, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 205) }
```

Border

The CSS property to change the border of an element to Yxy 43.9520, 0.2877, 0.2902 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(173, 175, 205) }
```

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

```
.border{ border-color:rgb(173, 175, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9520, 0.2877, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 205) }
```

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

```
.background{ background-color: rgb(173,  
175, 205) }
```

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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