

Converting Colors

$Y_{xy}(43.5056, 0.2855, 0.2948)$

Have a look what the booklet for
Yxy(43.5056, 0.2855, 0.2948)
contains.

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Color

Yxy(43.5304, 0.2852, 0.2947)

Conversions

Conversions Part 1

Format	Color
Hex	A7B0CA
RGB	167, 176, 202
RGB Percent	65%, 69%, 79%
CMY	0.3449, 0.3098, 0.2079
CMYK	0.17, 0.13, 0.00, 0.21
HSL	225°, 25%, 72%
HSV	225°, 17%, 79%
XYZ	42.1271, 43.5304, 62.0533
YIQ	176.2730, -13.7100, 6.1780

Conversions

Conversions Part 2

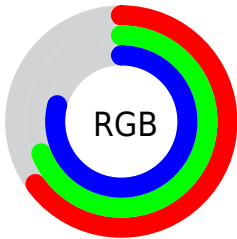
Format	Color
R _Y B	167, 174, 202
Decimal	10989770
CIE Lab	71.91, 2.28, -14.24
CIE LCh	72, 14.425, 279.112
Yxy	43.5304, 0.2852, 0.2947
Android (android.graphics.Color)	4289179850 (0xFFA7B0CA)
YUV	176.2730, 12.6834, -8.1324
Hunter-Lab	65.9776, -1.4872, -9.5792

Details

The Yxy color $43.5304, 0.2852, 0.2947$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $53.5024, 0.3402, 0.3611$, and the grayscale version is $43.5073, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4628, 0.2923, 0.3053$, and $20.1983, 0.2775, 0.2857$ is the 20% darker color. If you saturate the color by 10%, you get $35.9319, 0.2676, 0.2716$, and if you desaturate by 10%, it is $52.1282, 0.3016, 0.3154$.

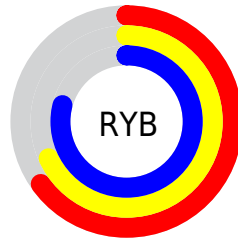
Distribution



Red (65%)

Green (69%)

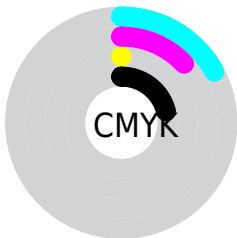
Blue (79%)



Red (65%)

Yellow (68%)

Blue (79%)

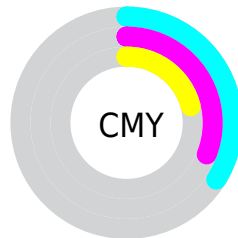


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (34%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5304, 0.2852, 0.2947 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 43.5304, 0.2852, 0.2947 by changing the saturation by 10% instead.

■ 43.5304, 0.2852,
0.2947

■ 43.5304, 0.2852,
0.2947

360.7885, 0.2991,
0.3119

■ 30.3015, 0.2817,
0.2904

■ 80.5106, 0.2903,
0.3009

■ 20.0675, 0.2772,
0.2850

■ 105.0308, 0.2921,
0.3033

■ 12.4442, 0.2712,
0.2777

134.0834, 0.2937,
0.3052

■ 7.0469, 0.2629,
0.2676

168.0530, 0.2951,
0.3069

■ 3.4915, 0.2504,
0.2527

207.3239, 0.2963,
0.3084

■ 1.3934, 0.2298,
0.2285

252.2805, 0.2973,

■ 0.2118, 0.1495,

0.3097

0.1232

303.3073, 0.2983,
0.3108

0.0000, 0.0000,
0.0000

43.5304, 0.2852,
0.2947

43.5304, 0.2852,
0.2947

35.9319, 0.2676,
0.2716

52.1282, 0.3016,
0.3154

29.2901, 0.2492,
0.2464

61.7548, 0.3166,
0.3337

23.5676, 0.2305,
0.2193

72.4455, 0.3303,
0.3498

18.7219, 0.2121,
0.1913

84.2318, 0.3427,
0.3638

14.7074, 0.1949,
0.1633

94.5878, 0.3449,
0.3775

■ 11.4735, 0.1800,
0.1368

■ 97.0439, 0.3442,
0.3810

■ 8.9639, 0.1682,
0.1132

■ 7.1088, 0.1600,
0.0937

■ 6.6984, 0.1581,
0.0892

Harmonies

Analogous

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



43.5304, 0.2749, 0.3014



43.5304, 0.2852, 0.2947



43.5304, 0.3029, 0.2968

Triad

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



43.5304, 0.2852, 0.2947



43.5304, 0.3526, 0.3400



43.5304, 0.3008, 0.3528

Complementary

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



43.5304, 0.2852, 0.2947



53.5024, 0.3402, 0.3611

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.



43.5304, 0.3215, 0.3638



43.5304, 0.2852, 0.2947



43.5304, 0.3518, 0.3555

Square

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



43.5304, 0.2852, 0.2947



43.5304, 0.3423, 0.3224



43.5304, 0.3403, 0.3645



43.5304, 0.2837, 0.3349

Rectangle

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



43.5304, 0.2852, 0.2947



43.5304, 0.3169, 0.3028



43.5304, 0.3403, 0.3645



43.5304, 0.3076, 0.3575

Sweetspot

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



43.5322, 0.2852, 0.2947



91.7597, 0.3051, 0.3197



54.2926, 0.2930, 0.3410



19.4002, 0.3040, 0.3183



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.



43.5322, 0.2852, 0.2947



68.3884, 0.2783, 0.2858



41.0517, 0.2914, 0.2834



11.3035, 0.2983, 0.3113



4.4336, 0.1587, 0.0913



0.3543, 0.1696, 0.1306

Inverse Universe

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



43.3413, 0.3374, 0.3178



68.1585, 0.3445, 0.3151



56.4764, 0.3318, 0.3725



11.2601, 0.3250, 0.3231



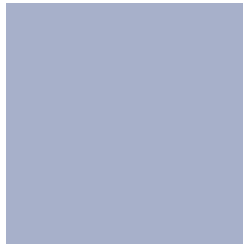
8.2506, 0.5891, 0.3019



0.4383, 0.5319, 0.2704

Previews

White Background



This preview shows how the Yxy color 43.5304, 0.2852, 0.2947 looks on a white background.

Color Contrast Check

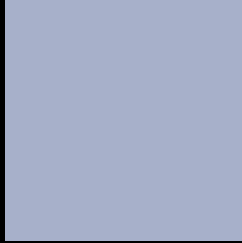
Large Text (above 18pt) WCAG AA × Fail

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 43.5304, 0.2852, 0.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

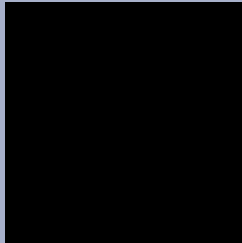
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5304, 0.2852, 0.2947

Background



This preview shows how black text looks on a background with the Yxy color 43.5304, 0.2852, 0.2947.



This preview shows how white text looks on a background with the Yxy color 43.5304, 0.2852, 0.2947.

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

43.5304, 0.2852, 0.2947

Protanopia

43.6476, 0.2899, 0.2950

Deuteranopia

43.5201, 0.2948, 0.2893



Tritanopia

43.6459, 0.2910, 0.3101

Trichromacy



Original Color

43.5304, 0.2852, 0.2947

Protanomaly

43.4230, 0.2882, 0.2948

Deuteranomaly

43.3129, 0.2907, 0.2901

Tritanomaly

43.5368, 0.2888, 0.3036

Monochromacy



Original Color

43.5304, 0.2852, 0.2947

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4377, 0.3029, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5304, 0.2852, 0.2947 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(167, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 202)  
}
```

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(167, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.5304, 0.2852, 0.2947 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(167, 176, 202) }
```

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

```
.border{ border-color:rgb(167, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 176, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 176, 202); box-shadow:4px 4px 4px 4px rgb(167, 176, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5304, 0.2852, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 202) }
```

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

```
.background{ background-color: rgb(167,  
176, 202) }
```

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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