

Converting Colors

$Y_{xy}(43.5164, 0.2623, 0.2859)$

Have a look what the booklet for
Yxy(43.5164, 0.2623, 0.2859)
contains.

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Color

Yxy(43.4157, 0.2626, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	91B4D4
RGB	145, 180, 212
RGB Percent	57%, 71%, 83%
CMY	0.4315, 0.2941, 0.1686
CMYK	0.32, 0.15, 0.00, 0.17
HSL	209°, 44%, 70%
HSV	209°, 32%, 83%
XYZ	39.8774, 43.4157, 68.5631
YIQ	173.1830, -31.1320, 2.5320

Conversions

Conversions Part 2

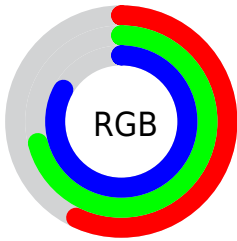
Format	Color
RYB	145, 168, 212
Decimal	9549012
CIELab	71.84, -4.29, -19.98
CIELCh	72, 20.439, 257.875
Yxy	43.4157, 0.2626, 0.2859
Android (android.graphics.Color)	4287739092 (0xFF91B4D4)
YUV	173.1830, 19.1368, -24.7165
Hunter-Lab	65.8906, -7.2791, -15.5714

Details

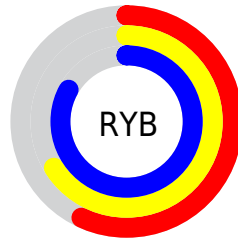
The Yxy color **43.4157, 0.2626, 0.2859** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.4677, 0.3723, 0.3684**, and the grayscale version is **41.7979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4903, 0.2791, 0.3087**, and **19.8884, 0.2486, 0.2733** is the 20% darker color. If you saturate the color by 10%, you get **37.7311, 0.2466, 0.2695**, and if you desaturate by 10%, it is **49.7612, 0.2788, 0.3010**.

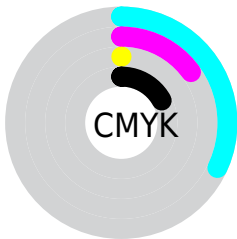
Distribution



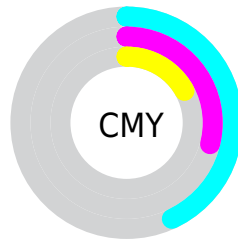
- Red (57%)
- Green (71%)
- Blue (83%)



- Red (57%)
- Yellow (66%)
- Blue (83%)



- Cyan (32%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)



- Cyan (43%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4157, 0.2626, 0.2859 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 43.4157, 0.2626, 0.2859 by changing the saturation by 10% instead.

■ 43.4157, 0.2626,
0.2859

■ 43.4157, 0.2626,
0.2859

360.3185, 0.2875,
0.3076

■ 30.2114, 0.2565,
0.2805

■ 80.3378, 0.2716,
0.2938

■ 19.9991, 0.2486,
0.2735

■ 104.8244, 0.2750,
0.2968

■ 12.3944, 0.2383,
0.2642

133.8405, 0.2779,
0.2993

■ 7.0129, 0.2242,
0.2513

167.7707, 0.2804,
0.3015

■ 3.4702, 0.2038,
0.2323

206.9991, 0.2825,
0.3033

■ 1.3818, 0.1723,
0.2022

251.9103, 0.2844,

■ 0.2033, 0.0427,

0.3049

0.0982

302.8887, 0.2860,
0.3064

0.0000, 0.0000,
0.0000

43.4157, 0.2626,
0.2859

43.4157, 0.2626,
0.2859

37.7311, 0.2466,
0.2695

49.7612, 0.2788,
0.3010

32.6760, 0.2311,
0.2520

56.7871, 0.2948,
0.3148

28.2234, 0.2167,
0.2338

64.5182, 0.3103,
0.3271

24.3422, 0.2038,
0.2151

72.9766, 0.3251,
0.3381

20.9971, 0.1930,
0.1965

82.1830, 0.3392,
0.3479

■ 18.1470, 0.1845,
0.1784

■ 88.7542, 0.3404,
0.3576

■ 16.0845, 0.1789,
0.1640

■ 94.9016, 0.3388,
0.3672

■ 97.5333, 0.3382,
0.3711

Harmonies

Analogous

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



43.4157, 0.2578, 0.3030



43.4157, 0.2626, 0.2859



43.4157, 0.2802, 0.2807

Triad

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



43.4157, 0.2626, 0.2859



43.4157, 0.3606, 0.3264



43.4157, 0.3161, 0.3760

Complementary

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



43.4157, 0.2626, 0.2859



47.4677, 0.3723, 0.3684

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.



43.4157, 0.3444, 0.3810



43.4157, 0.2626, 0.2859



43.4157, 0.3709, 0.3508

Square

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



43.4157, 0.2626, 0.2859



43.4157, 0.3368, 0.3037



43.4157, 0.3648, 0.3710



43.4157, 0.2878, 0.3563

Rectangle

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



43.4157, 0.2626, 0.2859



43.4157, 0.2975, 0.2838



43.4157, 0.3648, 0.3710



43.4157, 0.3259, 0.3794

Sweetspot

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



43.4174, 0.2626, 0.2859



89.1143, 0.2987, 0.3180



56.2472, 0.2889, 0.3772



18.7155, 0.2964, 0.3161



0.0000, 0.0000, 0.0000



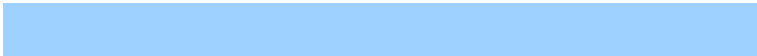
21.4041, 0.3127, 0.3290

Same Dimension

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



43.4174, 0.2626, 0.2859



59.9810, 0.2517, 0.2749



31.7019, 0.2571, 0.2396



13.0722, 0.2982, 0.3176



10.1321, 0.1796, 0.1664



0.7765, 0.1880, 0.1966

Inverse Universe

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



37.5345, 0.3472, 0.2864



50.3393, 0.3574, 0.2770



62.0164, 0.3609, 0.4051



12.5282, 0.3210, 0.3169



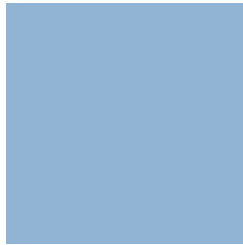
9.3677, 0.4851, 0.2446



0.5817, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 43.4157, 0.2626, 0.2859 looks on a white background.

Color Contrast Check

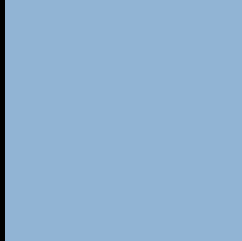
Large Text (above 18pt) WCAG AA × Fail

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 43.4157, 0.2626, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

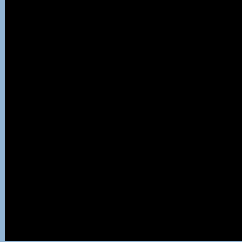
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

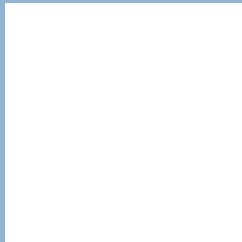
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4157, 0.2626, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 43.4157, 0.2626, 0.2859.



This preview shows how white text looks on a background with the Yxy color 43.4157, 0.2626, 0.2859.

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

43.4157, 0.2626, 0.2859

Protanopia

43.2612, 0.2823, 0.2848

Deuteranopia

43.3588, 0.2818, 0.2755



Tritanopia

43.6490, 0.2706, 0.3095

Trichromacy



Original Color

43.4157, 0.2626, 0.2859

Protanomaly

43.1277, 0.2748, 0.2854

Deuteranomaly

43.2506, 0.2743, 0.2795

Tritanomaly

43.5598, 0.2679, 0.3014

Monochromacy



Original Color

43.4157, 0.2626, 0.2859

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4251, 0.2930, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4157, 0.2626, 0.2859 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(145, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(145, 180, 212)  
}
```

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(145, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 180, 212) }
```

Border

The CSS property to change the border of an element to Yxy 43.4157, 0.2626, 0.2859 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(145, 180, 212) }
```

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

```
.border{ border-color:rgb(145, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(145, 180,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4157, 0.2626, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 180, 212) }
```

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

```
.background{ background-color: rgb(145,  
180, 212) }
```

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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