

Converting Colors

$Yxy(42.8441, 0.2580, 0.2893)$

Have a look what the booklet for
Yxy(42.8441, 0.2580, 0.2893)
contains.

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Color

Yxy(42.9351, 0.2580, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	88B5D2
RGB	136, 181, 210
RGB Percent	53%, 71%, 82%
CMY	0.4668, 0.2901, 0.1766
CMYK	0.35, 0.14, 0.00, 0.18
HSL	203°, 45%, 68%
HSV	203°, 35%, 82%
XYZ	38.3031, 42.9351, 67.2234
YIQ	170.8510, -36.1290, -0.5210

Conversions

Conversions Part 2

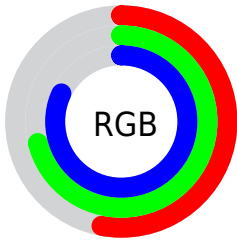
Format	Color
RYB	136, 164, 210
Decimal	8959442
CIELab	71.51, -7.88, -19.42
CIELCh	72, 20.959, 247.907
Yxy	42.9351, 0.2580, 0.2892
Android (android.graphics.Color)	4287149522 (0xFF88B5D2)
YUV	170.8510, 19.3005, -30.5643
Hunter-Lab	65.5249, -10.3249, -14.9595

Details

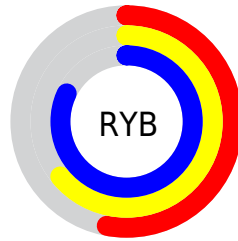
The Yxy color **42.9351, 0.2580, 0.2892** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **42.3588, 0.3835, 0.3654**, and the grayscale version is **40.5582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8647, 0.2740, 0.3095**, and **19.6439, 0.2432, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **38.1041, 0.2431, 0.2756**, and if you desaturate by 10%, it is **48.3109, 0.2735, 0.3018**.

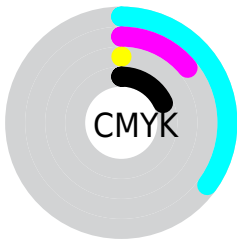
Distribution



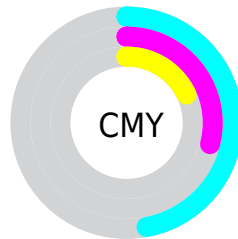
- Red (53%)
- Green (71%)
- Blue (82%)



- Red (53%)
- Yellow (64%)
- Blue (82%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9351, 0.2580, 0.2892 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 42.9351, 0.2580, 0.2892 by changing the saturation by 10% instead.

■ 42.9351, 0.2580,
0.2892

■ 42.9351, 0.2580,
0.2892

■ 358.3448, 0.2852,
0.3095

■ 29.8342, 0.2513,
0.2840

■ 79.6129, 0.2678,
0.2967

■ 19.7128, 0.2428,
0.2774

■ 103.9586, 0.2715,
0.2994

■ 12.1864, 0.2316,
0.2685

■ 132.8214, 0.2747,
0.3018

■ 6.8708, 0.2163,
0.2560

■ 166.5856, 0.2774,
0.3038

■ 3.3814, 0.1942,
0.2374

■ 205.6356, 0.2797,
0.3055

■ 1.3340, 0.1604,
0.2074

■ 250.3559, 0.2818,

■ 0.1673, 0.0000,

0.3070

0.0914

301.1308, 0.2836,
0.3083

0.0000, 0.0000,
0.0000

42.9351, 0.2580,
0.2892

42.9351, 0.2580,
0.2892

38.1041, 0.2431,
0.2756

48.3109, 0.2735,
0.3018

33.7893, 0.2290,
0.2613

54.2484, 0.2892,
0.3134

29.9665, 0.2164,
0.2463

60.7695, 0.3047,
0.3239

26.6073, 0.2055,
0.2311

67.8936, 0.3199,
0.3334

23.6786, 0.1967,
0.2160

75.6390, 0.3345,
0.3417

■ 21.1412, 0.1900,
0.2012

■ 82.6805, 0.3435,
0.3495

■ 20.0398, 0.1873,
0.1942

■ 87.3705, 0.3421,
0.3575

■ 92.2791, 0.3407,
0.3654

■ 97.4090, 0.3394,
0.3731

Harmonies

Analogous

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



42.9351, 0.2578, 0.3103



42.9351, 0.2580, 0.2892



42.9351, 0.2720, 0.2797

Triad

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



42.9351, 0.2580, 0.2892



42.9351, 0.3550, 0.3181



42.9351, 0.3262, 0.3809

Complementary

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



42.9351, 0.2580, 0.2892



42.3588, 0.3835, 0.3654

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.



42.9351, 0.3535, 0.3806



42.9351, 0.2580, 0.2892



42.9351, 0.3710, 0.3431

Square

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



42.9351, 0.2580, 0.2892



42.9351, 0.3275, 0.2964



42.9351, 0.3702, 0.3661



42.9351, 0.2962, 0.3652

Rectangle

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



42.9351, 0.2580, 0.2892



42.9351, 0.2877, 0.2803



42.9351, 0.3702, 0.3661



42.9351, 0.3361, 0.3827

Sweetspot

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



42.9368, 0.2580, 0.2892



88.2582, 0.2956, 0.3179



54.0043, 0.2903, 0.3927



18.5981, 0.2935, 0.3164



0.0000, 0.0000, 0.0000



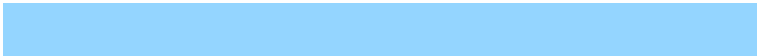
21.4041, 0.3127, 0.3290

Same Dimension

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



42.9368, 0.2580, 0.2892



61.1401, 0.2471, 0.2795



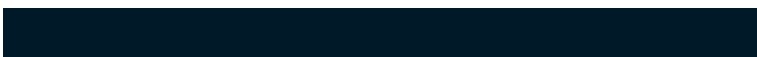
30.0128, 0.2509, 0.2365



12.5980, 0.2983, 0.3197



12.4279, 0.1879, 0.1964



0.8469, 0.1954, 0.2234

Inverse Universe

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



34.6339, 0.3457, 0.2739



47.2171, 0.3550, 0.2626



57.4064, 0.3686, 0.4071



11.9274, 0.3197, 0.3149



9.3259, 0.4494, 0.2249



0.5368, 0.4197, 0.2085

Previews

White Background



This preview shows how the Yxy color 42.9351, 0.2580, 0.2892 looks on a white background.

Color Contrast Check

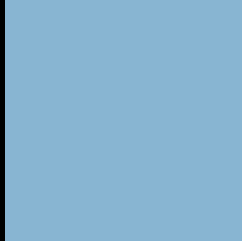
Large Text (above 18pt) WCAG AA × Fail

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 42.9351, 0.2580, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

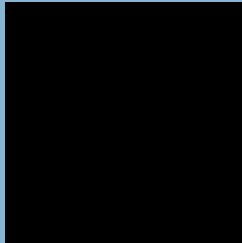
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9351, 0.2580, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 42.9351, 0.2580, 0.2892.



This preview shows how white text looks on a background with the Yxy color 42.9351, 0.2580, 0.2892.

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

42.9351, 0.2580, 0.2892

Protanopia

42.7299, 0.2844, 0.2871

Deuteranopia

42.7635, 0.2824, 0.2765



Tritanopia

42.9307, 0.2638, 0.3077

Trichromacy



Original Color

42.9351, 0.2580, 0.2892

Protanomaly

42.7238, 0.2739, 0.2876

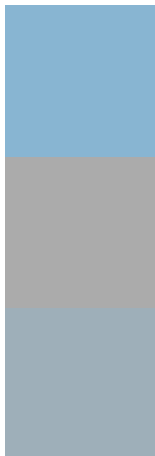
Deuteranomaly

42.8367, 0.2734, 0.2816

Tritanomaly

42.7885, 0.2618, 0.3009

Monochromacy



Original Color

42.9351, 0.2580, 0.2892

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4318, 0.2904, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9351, 0.2580, 0.2892 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(136, 181, 210)` looks like.

```
.text, #text, p{  
    color:rgb(136, 181, 210)  
}
```

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(136, 181, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 181, 210) }
```

Border

The CSS property to change the border of an element to Yxy 42.9351, 0.2580, 0.2892 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(136, 181, 210) }
```

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

```
.border{ border-color:rgb(136, 181, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 181, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 181, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 181, 210);  
box-shadow:4px 4px 4px 4px rgb(136, 181,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9351, 0.2580, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 181, 210) }
```

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

```
.background{ background-color: rgb(136,  
181, 210) }
```

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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