

Converting Colors

$Y_{xy}(43.2637, 0.2652, 0.2921)$

Have a look what the booklet for
Yxy(43.2637, 0.2652, 0.2921)
contains.

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Color

Yxy(43.0768, 0.2651, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	90B4CF
RGB	144, 180, 207
RGB Percent	56%, 71%, 81%
CMY	0.4351, 0.2942, 0.1881
CMYK	0.30, 0.13, 0.00, 0.19
HSL	206°, 40%, 69%
HSV	206°, 30%, 81%
XYZ	39.0950, 43.0768, 65.3009
YIQ	172.3140, -30.1230, 0.7650

Conversions

Conversions Part 2

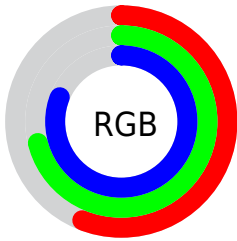
Format	Color
RYB	144, 167, 207
Decimal	9483471
CIELab	71.61, -5.77, -17.62
CIELCh	72, 18.536, 251.865
Yxy	43.0768, 0.2651, 0.2921
Android (android.graphics.Color)	4287673551 (0xFF90B4CF)
YUV	172.3140, 17.1002, -24.8314
Hunter-Lab	65.6329, -8.5319, -13.0471

Details

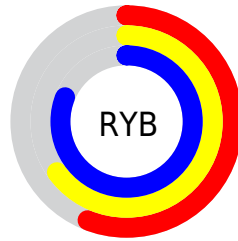
The Yxy color **43.0768, 0.2651, 0.2921** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **44.4468, 0.3706, 0.3631**, and the grayscale version is **41.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3530, 0.2785, 0.3086**, and **19.7540, 0.2517, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **37.9065, 0.2495, 0.2776**, and if you desaturate by 10%, it is **48.8226, 0.2809, 0.3055**.

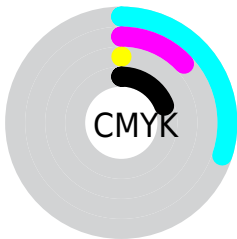
Distribution



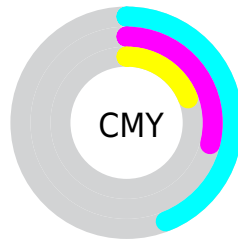
- Red (56%)
- Green (71%)
- Blue (81%)



- Red (56%)
- Yellow (65%)
- Blue (81%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (44%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0768, 0.2651, 0.2921 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 43.0768, 0.2651, 0.2921 by changing the saturation by 10% instead.

■ 43.0768, 0.2651,
0.2921

■ 43.0768, 0.2651,
0.2921

■ 358.9275, 0.2888,
0.3109

■ 29.9454, 0.2592,
0.2873

■ 79.8267, 0.2737,
0.2990

■ 19.7971, 0.2517,
0.2812

■ 104.2141, 0.2769,
0.3015

■ 12.2477, 0.2418,
0.2730

■ 133.1221, 0.2797,
0.3037

■ 6.9126, 0.2282,
0.2615

■ 166.9353, 0.2820,
0.3055

■ 3.4075, 0.2084,
0.2444

■ 206.0381, 0.2841,
0.3071

■ 1.3480, 0.1773,
0.2165

■ 250.8148, 0.2859,

■ 0.1779, 0.0165,

0.3085

0.1041

301.6498, 0.2874,
0.3098

0.0000, 0.0000,
0.0000

43.0768, 0.2651,
0.2921

43.0768, 0.2651,
0.2921

37.9065, 0.2495,
0.2776

48.8226, 0.2809,
0.3055

33.2837, 0.2345,
0.2622

55.1601, 0.2967,
0.3176

29.1850, 0.2206,
0.2459

62.1114, 0.3121,
0.3286

25.5832, 0.2083,
0.2293

69.6955, 0.3269,
0.3383

22.4474, 0.1979,
0.2125

77.9304, 0.3411,
0.3470

■ 19.7419, 0.1896,
0.1961

■ 84.2285, 0.3449,
0.3555

■ 17.4935, 0.1836,
0.1808

■ 89.3985, 0.3434,
0.3640

■ 94.8259, 0.3418,
0.3724

■ 97.2862, 0.3412,
0.3760

Harmonies

Analogous

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



43.0768, 0.2633, 0.3097



43.0768, 0.2651, 0.2921



43.0768, 0.2791, 0.2849

Triad

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



43.0768, 0.2651, 0.2921



43.0768, 0.3526, 0.3223



43.0768, 0.3213, 0.3736

Complementary

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



43.0768, 0.2651, 0.2921



44.4468, 0.3706, 0.3631

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.



43.0768, 0.3461, 0.3754



43.0768, 0.2651, 0.2921



43.0768, 0.3649, 0.3447

Square

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



43.0768, 0.2651, 0.2921



43.0768, 0.3294, 0.3023



43.0768, 0.3623, 0.3643



43.0768, 0.2949, 0.3581

Rectangle

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



43.0768, 0.2651, 0.2921



43.0768, 0.2939, 0.2863



43.0768, 0.3623, 0.3643



43.0768, 0.3301, 0.3758

Sweetspot

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



43.0785, 0.2651, 0.2921



89.7770, 0.2987, 0.3191



53.4859, 0.2917, 0.3795



18.8788, 0.2964, 0.3174



0.0000, 0.0000, 0.0000



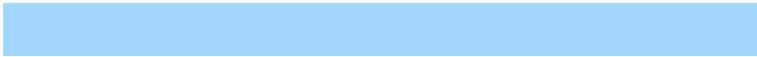
21.4041, 0.3127, 0.3290

Same Dimension

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



43.0785, 0.2651, 0.2921



63.9252, 0.2557, 0.2835



32.0329, 0.2601, 0.2482



12.5214, 0.2983, 0.3188



11.2100, 0.1842, 0.1830



0.7827, 0.1923, 0.2124

Inverse Universe

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



36.5284, 0.3424, 0.2845



52.4617, 0.3503, 0.2754



57.4214, 0.3600, 0.3987



11.9197, 0.3203, 0.3158



9.2029, 0.4650, 0.2335



0.5303, 0.4315, 0.2150

Previews

White Background



This preview shows how the Yxy color 43.0768, 0.2651, 0.2921 looks on a white background.

Color Contrast Check

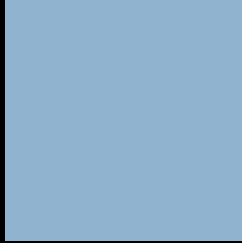
Large Text (above 18pt) WCAG AA × Fail

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 43.0768, 0.2651, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

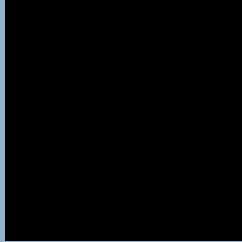
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

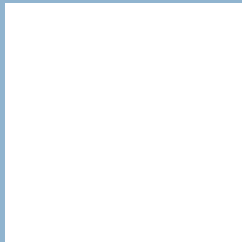
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0768, 0.2651, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 43.0768, 0.2651, 0.2921.



This preview shows how white text looks on a background with the Yxy color 43.0768, 0.2651, 0.2921.

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

43.0768, 0.2651, 0.2921

Protanopia

43.1299, 0.2867, 0.2910

Deuteranopia

42.8432, 0.2862, 0.2802



Tritanopia

43.1922, 0.2711, 0.3094

Trichromacy



Original Color

43.0768, 0.2651, 0.2921

Protanomaly

42.9874, 0.2790, 0.2917

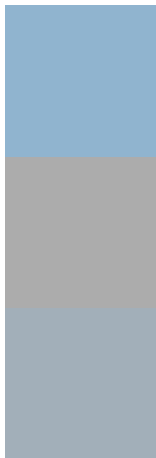
Deuteranomaly

42.7187, 0.2784, 0.2843

Tritanomaly

43.0575, 0.2690, 0.3026

Monochromacy



Original Color

43.0768, 0.2651, 0.2921

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8441, 0.2937, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0768, 0.2651, 0.2921 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(144, 180, 207)` looks like.

```
.text, #text, p{  
    color:rgb(144, 180, 207)  
}
```

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(144, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 180, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.0768, 0.2651, 0.2921 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(144, 180, 207) }
```

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

```
.border{ border-color:rgb(144, 180, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 180, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 180, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 180, 207);  
box-shadow:4px 4px 4px 4px rgb(144, 180,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0768, 0.2651, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 180, 207) }
```

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

```
.background{ background-color: rgb(144,  
180, 207) }
```

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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