

Converting Colors

$Y_{xy}(44.6241, 0.2670, 0.2953)$

Have a look what the booklet for
Yxy(44.6241, 0.2670, 0.2953)
contains.

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Color

Yxy(44.6241, 0.2670, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	93B7D0
RGB	147, 183, 208
RGB Percent	58%, 72%, 82%
CMY	0.4235, 0.2823, 0.1844
CMYK	0.29, 0.12, 0.00, 0.18
HSL	205°, 39%, 70%
HSV	205°, 29%, 82%
XYZ	40.3476, 44.6241, 66.1428
YIQ	175.0860, -29.4810, 0.1430

Conversions

Conversions Part 2

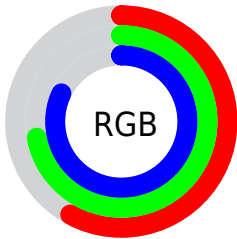
Format	Color
RYB	147, 170, 208
Decimal	9680848
CIELab	72.64, -6.31, -16.55
CIElCh	73, 17.711, 249.134
Yxy	44.6241, 0.2670, 0.2953
Android (android.graphics.Color)	4287870928 (0xFF93B7D0)
YUV	175.0860, 16.2266, -24.6314
Hunter-Lab	66.8013, -9.0893, -11.9447

Details

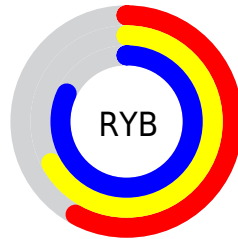
The Yxy color **44.6241, 0.2670, 0.2953** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **45.0022, 0.3685, 0.3604**, and the grayscale version is **42.8423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5096, 0.2805, 0.3120**, and **20.6780, 0.2535, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **39.4668, 0.2515, 0.2816**, and if you desaturate by 10%, it is **50.3450, 0.2827, 0.3079**.

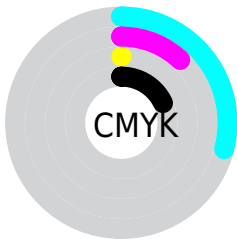
Distribution



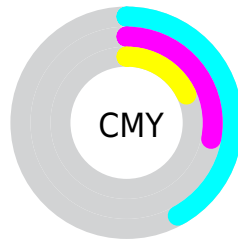
- Red (58%)
- Green (72%)
- Blue (82%)



- Red (58%)
- Yellow (67%)
- Blue (82%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6241, 0.2670, 0.2953 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 44.6241, 0.2670, 0.2953 by changing the saturation by 10% instead.

■ 44.6241, 0.2670,
0.2953

■ 44.6241, 0.2670,
0.2953

365.2490, 0.2897,
0.3124

■ 31.1614, 0.2614,
0.2910

■ 82.1560, 0.2752,
0.3015

■ 20.7218, 0.2543,
0.2854

■ 106.9941, 0.2783,
0.3039

■ 12.9208, 0.2450,
0.2780

136.3928, 0.2809,
0.3058

■ 7.3740, 0.2321,
0.2677

170.7365, 0.2831,
0.3075

■ 3.6971, 0.2135,
0.2522

210.4095, 0.2851,
0.3090

■ 1.5056, 0.1844,
0.2271

255.7964, 0.2868,

■ 0.2927, 0.0625,

0.3103

0.1472

307.2814, 0.2883,
0.3114

0.0000, 0.0000,
0.0000

44.6241, 0.2670,
0.2953

44.6241, 0.2670,
0.2953

39.4668, 0.2515,
0.2816

50.3450, 0.2827,
0.3079

34.8454, 0.2367,
0.2670

56.6451, 0.2984,
0.3194

30.7372, 0.2230,
0.2517

63.5460, 0.3137,
0.3297

27.1155, 0.2107,
0.2359

71.0663, 0.3286,
0.3389

23.9504, 0.2004,
0.2199

79.2237, 0.3427,
0.3470

■ 21.2070, 0.1922,
0.2042

■ 84.7127, 0.3442,
0.3552

■ 18.8290, 0.1859,
0.1889

■ 89.6806, 0.3427,
0.3635

■ 18.6759, 0.1855,
0.1879

■ 94.8848, 0.3412,
0.3715

■ 97.3327, 0.3406,
0.3751

Harmonies

Analogous

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



44.6241, 0.2664, 0.3128



44.6241, 0.2670, 0.2953



44.6241, 0.2793, 0.2875

Triad

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



44.6241, 0.2670, 0.2953



44.6241, 0.3488, 0.3208



44.6241, 0.3232, 0.3717

Complementary

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



44.6241, 0.2670, 0.2953



45.0022, 0.3685, 0.3604

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.



44.6241, 0.3461, 0.3723



44.6241, 0.2670, 0.2953



44.6241, 0.3614, 0.3420

Square

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



44.6241, 0.2670, 0.2953



44.6241, 0.3262, 0.3022



44.6241, 0.3604, 0.3610



44.6241, 0.2981, 0.3582

Rectangle

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



44.6241, 0.2670, 0.2953



44.6241, 0.2928, 0.2882



44.6241, 0.3604, 0.3610



44.6241, 0.3314, 0.3734

Sweetspot

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



44.6259, 0.2670, 0.2953



90.0552, 0.2987, 0.3196



54.2561, 0.2931, 0.3789



18.9474, 0.2964, 0.3180



0.0000, 0.0000, 0.0000



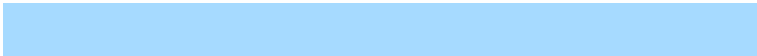
21.4041, 0.3127, 0.3290

Same Dimension

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



44.6259, 0.2670, 0.2953



65.6821, 0.2575, 0.2871



33.5685, 0.2624, 0.2530



12.5616, 0.2983, 0.3193



11.8375, 0.1861, 0.1900



0.8159, 0.1939, 0.2182

Inverse Universe

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



37.6914, 0.3398, 0.2847



53.5277, 0.3473, 0.2752



57.6947, 0.3586, 0.3951



11.9237, 0.3200, 0.3154



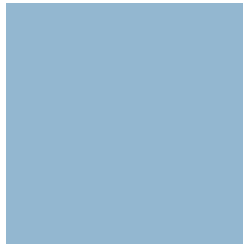
9.2663, 0.4567, 0.2290



0.5337, 0.4252, 0.2116

Previews

White Background



This preview shows how the Yxy color 44.6241, 0.2670, 0.2953 looks on a white background.

Color Contrast Check

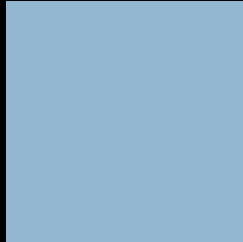
Large Text (above 18pt) WCAG AA × Fail

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 44.6241, 0.2670, 0.2953 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

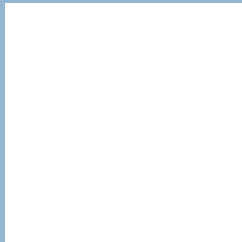
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6241, 0.2670, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 44.6241, 0.2670, 0.2953.



This preview shows how white text looks on a background with the Yxy color 44.6241, 0.2670, 0.2953.

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

44.6241, 0.2670, 0.2953

Protanopia

44.2945, 0.2885, 0.2927

Deuteranopia

44.5090, 0.2888, 0.2834



Tritanopia

44.4242, 0.2715, 0.3083

Trichromacy



Original Color

44.6241, 0.2670, 0.2953

Protanomaly

44.5405, 0.2809, 0.2948

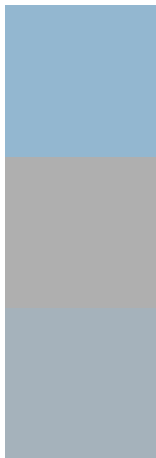
Deuteranomaly

44.2632, 0.2803, 0.2874

Tritanomaly

44.6562, 0.2703, 0.3044

Monochromacy



Original Color

44.6241, 0.2670, 0.2953

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4280, 0.2947, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6241, 0.2670, 0.2953 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(147, 183, 208)` looks like.

```
.text, #text, p{  
    color:rgb(147, 183, 208)  
}
```

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(147, 183, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 183, 208) }
```

Border

The CSS property to change the border of an element to Yxy 44.6241, 0.2670, 0.2953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

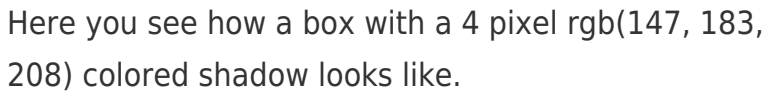
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 183, 208) }
```

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

```
.border{ border-color:rgb(147, 183, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 183, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 183, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 183, 208); box-shadow:4px 4px 4px 4px rgb(147, 183, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6241, 0.2670, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 183, 208) }
```

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

```
.background{ background-color: rgb(147,  
183, 208) }
```

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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