

Converting Colors

Yxy(51.4188, 0.2674, 0.2959)

Have a look what the booklet for
Yxy(51.4188, 0.2674, 0.2959)
contains.

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Color

Yxy(51.4188, 0.2674, 0.2959)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9DC3DD |
| RGB | 157, 195, 221 |
| RGB Percent | 62%, 76%, 87% |
| CMY | 0.3844, 0.2353, 0.1333 |
| CMYK | 0.29, 0.12, 0.00, 0.13 |
| HSL | 204°, 49%, 74% |
| HSV | 204°, 29%, 87% |
| XYZ | 46.4663, 51.4188, 75.8857 |
| YIQ | 186.6020, -30.9940, 0.0300 |

Conversions

Conversions Part 2

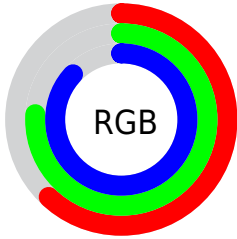
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 157, 181, 221 |
| Decimal | 10339293 |
| CIELab | 76.93, -6.68, -17.09 |
| CIELCh | 77, 18.355, 248.646 |
| Yxy | 51.4188, 0.2674, 0.2959 |
| Android (android.graphics.Color) | 4288529373 (0xFF9DC3DD) |
| YUV | 186.6020, 16.9582, -25.9610 |
| Hunter-Lab | 71.7069, -9.8184, -12.5504 |

Details

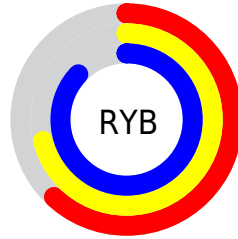
The Yxy color **51.4188, 0.2674, 0.2959** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.6580, 0.3680, 0.3598**, and the grayscale version is **49.3721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9869, 0.2876, 0.3259**, and **24.7460, 0.2555, 0.2859** is the 20% darker color. If you saturate the color by 10%, you get **45.4953, 0.2519, 0.2823**, and if you desaturate by 10%, it is **57.9900, 0.2832, 0.3084**.

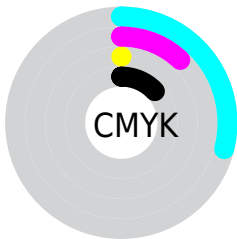
Distribution



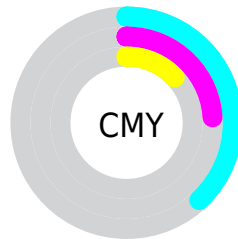
- Red (62%)
- Green (76%)
- Blue (87%)



- Red (62%)
- Yellow (71%)
- Blue (87%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (38%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4188, 0.2674, 0.2959 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 51.4188, 0.2674, 0.2959 by changing the saturation by 10% instead.

■ 51.4188, 0.2674,
0.2959

■ 51.4188, 0.2674,
0.2959

■ 392.1887, 0.2893,
0.3123

■ 36.5420, 0.2622,
0.2919

■ 92.2735, 0.2752,
0.3018

■ 24.8531, 0.2555,
0.2868

■ 119.0203, 0.2782,
0.3040

■ 15.9676, 0.2470,
0.2801

■ 150.4924, 0.2807,
0.3059

■ 9.5013, 0.2355,
0.2709

■ 187.0745, 0.2829,
0.3076

■ 5.0696, 0.2193,
0.2576

■ 229.1507, 0.2848,
0.3090

■ 2.2881, 0.1949,
0.2369

■ 277.1056, 0.2865,

■ 0.7674, 0.1488,

0.3102

0.2016

331.3234, 0.2880,
0.3113

0.0000, 0.0000,
0.0000

51.4188, 0.2674,
0.2959

51.4188, 0.2674,
0.2959

45.4953, 0.2519,
0.2823

57.9900, 0.2832,
0.3084

40.1874, 0.2370,
0.2678

65.2269, 0.2989,
0.3198

35.4692, 0.2233,
0.2526

73.1543, 0.3143,
0.3300

31.3098, 0.2110,
0.2369

81.7937, 0.3291,
0.3391

27.6746, 0.2007,
0.2210

88.7229, 0.3347,
0.3477

■ 24.5234, 0.1925,
0.2053

■ 94.1325, 0.3335,
0.3563

■ 21.7955, 0.1863,
0.1901

■ 98.0008, 0.3327,
0.3621

■ 21.5323, 0.1857,
0.1886

Harmonies

Analogous

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



51.4188, 0.2670, 0.3133



51.4188, 0.2674, 0.2959



51.4188, 0.2794, 0.2880

Triad

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



51.4188, 0.2674, 0.2959



51.4188, 0.3480, 0.3206



51.4188, 0.3235, 0.3713

Complementary

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



51.4188, 0.2674, 0.2959



51.6580, 0.3680, 0.3598

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.



51.4188, 0.3461, 0.3717



51.4188, 0.2674, 0.2959



51.4188, 0.3608, 0.3416

Square

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



51.4188, 0.2674, 0.2959



51.4188, 0.3257, 0.3023



51.4188, 0.3599, 0.3604



51.4188, 0.2987, 0.3582

Rectangle

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



51.4188, 0.2674, 0.2959



51.4188, 0.2927, 0.2885



51.4188, 0.3599, 0.3604



51.4188, 0.3316, 0.3729

Sweetspot

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



51.4208, 0.2674, 0.2959



90.1036, 0.2987, 0.3197



62.2825, 0.2932, 0.3784



18.9594, 0.2964, 0.3181



0.0000, 0.0000, 0.0000



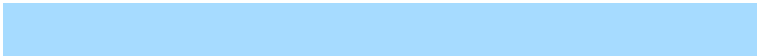
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4208, 0.2674, 0.2959



65.8436, 0.2576, 0.2875



38.7122, 0.2629, 0.2537



13.8969, 0.2982, 0.3193



12.7355, 0.1864, 0.1909



0.9927, 0.1933, 0.2157

Inverse Universe

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



43.4168, 0.3393, 0.2848



53.5440, 0.3470, 0.2749



66.2049, 0.3582, 0.3945



13.1807, 0.3199, 0.3152



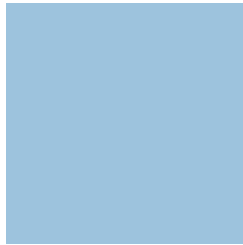
9.9094, 0.4557, 0.2284



0.6589, 0.4278, 0.2130

Previews

White Background



This preview shows how the Yxy color 51.4188, 0.2674, 0.2959 looks on a white background.

Color Contrast Check

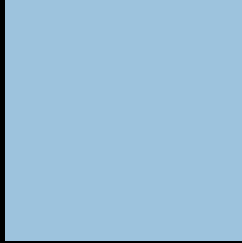
Large Text (above 18pt) WCAG AA × Fail

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 51.4188, 0.2674, 0.2959 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

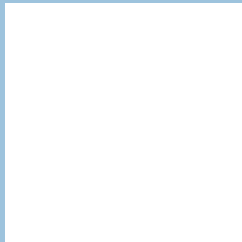
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4188, 0.2674, 0.2959

Background



This preview shows how black text looks on a background with the Yxy color 51.4188, 0.2674, 0.2959.



This preview shows how white text looks on a background with the Yxy color 51.4188, 0.2674, 0.2959.

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

51.4188, 0.2674, 0.2959

Protanopia

51.2386, 0.2899, 0.2948

Deuteranopia

51.2321, 0.2902, 0.2837



Tritanopia

51.2019, 0.2717, 0.3082

Trichromacy



Original Color

51.4188, 0.2674, 0.2959

Protanomaly

51.4375, 0.2813, 0.2955

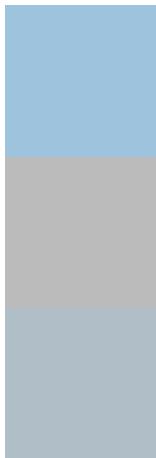
Deuteranomaly

51.2528, 0.2814, 0.2886

Tritanomaly

51.4541, 0.2705, 0.3045

Monochromacy



Original Color

51.4188, 0.2674, 0.2959

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.1805, 0.2950, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4188, 0.2674, 0.2959 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(157, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(157, 195, 221)  
}
```

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(157, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 195, 221) }
```

Border

The CSS property to change the border of an element to Yxy 51.4188, 0.2674, 0.2959 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(157, 195, 221) }
```

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

```
.border{ border-color:rgb(157, 195, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 195, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 195, 221); box-shadow:4px 4px 4px 4px rgb(157, 195, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4188, 0.2674, 0.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 195, 221) }
```

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

```
.background{ background-color: rgb(157,  
195, 221) }
```

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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