

Converting Colors

$Yxy(52.1009, 0.2669, 0.2891)$

Have a look what the booklet for
Yxy(52.1009, 0.2669, 0.2891)
contains.

Yxy(52.2576, 0.2671, 0.2891)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.2576, 0.2671, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3E3
RGB	162, 195, 227
RGB Percent	64%, 76%, 89%
CMY	0.3647, 0.2353, 0.1098
CMYK	0.29, 0.14, 0.00, 0.11
HSL	210°, 54%, 76%
HSV	210°, 29%, 89%
XYZ	48.2809, 52.2576, 80.2211
YIQ	188.7810, -29.9400, 2.9560

Conversions

Conversions Part 2

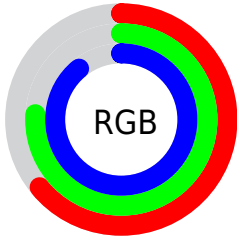
Format	Color
R _Y B	162, 184, 227
Decimal	10666979
CIE Lab	77.43, -3.79, -19.54
CIE LCh	77, 19.906, 259.030
Yxy	52.2576, 0.2671, 0.2891
Android (android.graphics.Color)	4288857059 (0xFFA2C3E3)
YUV	188.7810, 18.8420, -23.4869
Hunter-Lab	72.2894, -7.2893, -15.1928

Details

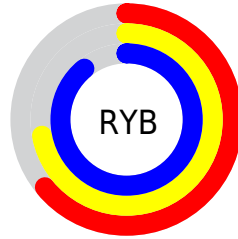
The Yxy color **52.2576, 0.2671, 0.2891** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.5271, 0.3656, 0.3658**, and the grayscale version is **50.6616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1198, 0.2904, 0.3249**, and **25.2795, 0.2551, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **45.2705, 0.2508, 0.2725**, and if you desaturate by 10%, it is **60.0528, 0.2834, 0.3044**.

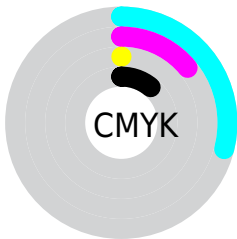
Distribution



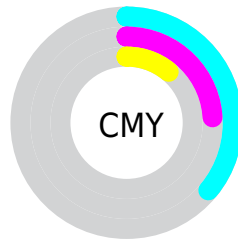
- Red (64%)
- Green (76%)
- Blue (89%)



- Red (64%)
- Yellow (72%)
- Blue (89%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2576, 0.2671, 0.2891 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 52.2576, 0.2671, 0.2891 by changing the saturation by 10% instead.

■ 52.2576, 0.2671,
0.2891

■ 52.2576, 0.2671,
0.2891

■ 395.4303, 0.2891,
0.3086

■ 37.2104, 0.2618,
0.2844

■ 93.5110, 0.2749,
0.2961

■ 25.3705, 0.2552,
0.2784

■ 120.4861, 0.2779,
0.2987

■ 16.3533, 0.2467,
0.2707

■ 152.2059, 0.2805,
0.3010

■ 9.7745, 0.2353,
0.2602

■ 189.0549, 0.2827,
0.3029

■ 5.2497, 0.2193,
0.2453

■ 231.4174, 0.2846,
0.3046

■ 2.3945, 0.1954,
0.2226

■ 279.6779, 0.2863,

■ 0.8231, 0.1552,

0.3061

0.1852

334.2207, 0.2878,
0.3074

0.0000, 0.0000,
0.0000

52.2576, 0.2671,
0.2891

52.2576, 0.2671,
0.2891

45.2705, 0.2508,
0.2725

60.0528, 0.2834,
0.3044

39.0541, 0.2348,
0.2546

68.6793, 0.2994,
0.3182

33.5768, 0.2198,
0.2358

78.1666, 0.3148,
0.3306

28.8017, 0.2062,
0.2165

88.5410, 0.3294,
0.3416

24.6877, 0.1945,
0.1972

95.7289, 0.3296,
0.3523

■ 21.1878, 0.1852,
0.1784

■ 98.3266, 0.3292,
0.3562

■ 18.2355, 0.1782,
0.1605

■ 17.8645, 0.1773,
0.1581

Harmonies

Analogous

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



52.2576, 0.2622, 0.3045



52.2576, 0.2671, 0.2891



52.2576, 0.2838, 0.2846

Triad

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



52.2576, 0.2671, 0.2891



52.2576, 0.3571, 0.3276



52.2576, 0.3149, 0.3713

Complementary

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



52.2576, 0.2671, 0.2891



57.5271, 0.3656, 0.3658

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.



52.2576, 0.3409, 0.3766



52.2576, 0.2671, 0.2891



52.2576, 0.3660, 0.3500

Square

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



52.2576, 0.2671, 0.2891



52.2576, 0.3358, 0.3065



52.2576, 0.3599, 0.3682



52.2576, 0.2890, 0.3530

Rectangle

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



52.2576, 0.2671, 0.2891



52.2576, 0.2998, 0.2877



52.2576, 0.3599, 0.3682



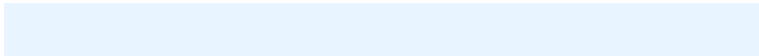
52.2576, 0.3239, 0.3747

Sweetspot

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



52.2597, 0.2671, 0.2891



88.9058, 0.2987, 0.3177



66.4938, 0.2902, 0.3708



18.6642, 0.2964, 0.3157



0.0000, 0.0000, 0.0000



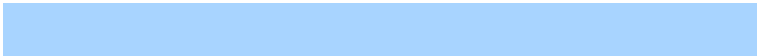
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2597, 0.2671, 0.2891



62.8226, 0.2580, 0.2800



39.4518, 0.2627, 0.2475



15.0907, 0.2981, 0.3171



10.6518, 0.1780, 0.1607



0.9730, 0.1853, 0.1869

Inverse Universe

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



46.1132, 0.3441, 0.2914



54.1456, 0.3524, 0.2838



73.2936, 0.3562, 0.3993



14.4895, 0.3213, 0.3171



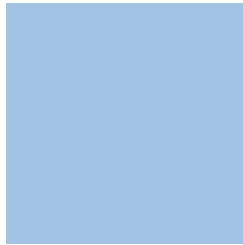
10.2730, 0.4922, 0.2485



0.7779, 0.4604, 0.2310

Previews

White Background



This preview shows how the Yxy color 52.2576, 0.2671, 0.2891 looks on a white background.

Color Contrast Check

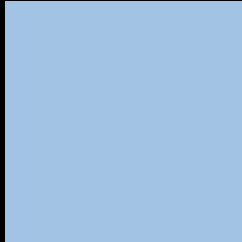
Large Text (above 18pt) WCAG AA × Fail

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 52.2576, 0.2671, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

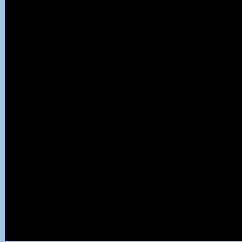
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

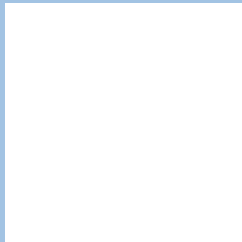
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2576, 0.2671, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 52.2576, 0.2671, 0.2891.



This preview shows how white text looks on a background with the Yxy color 52.2576, 0.2671, 0.2891.

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

52.2576, 0.2671, 0.2891

Protanopia

51.9133, 0.2844, 0.2879

Deuteranopia

52.2742, 0.2854, 0.2794



Tritanopia

52.1075, 0.2739, 0.3084

Trichromacy



Original Color

52.2576, 0.2671, 0.2891

Protanomaly

51.8735, 0.2781, 0.2886

Deuteranomaly

52.1316, 0.2783, 0.2831

Tritanomaly

52.0154, 0.2714, 0.3010

Monochromacy



Original Color

52.2576, 0.2671, 0.2891

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1571, 0.2945, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2576, 0.2671, 0.2891 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(162, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 227)  
}
```

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(162, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 227) }
```

Border

The CSS property to change the border of an element to Yxy 52.2576, 0.2671, 0.2891 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(162, 195, 227) }
```

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

```
.border{ border-color:rgb(162, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2576, 0.2671, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 227) }
```

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

```
.background{ background-color: rgb(162,  
195, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor