

Converting Colors

$Yxy(51.9458, 0.2673, 0.2907)$

Have a look what the booklet for
Yxy(51.9458, 0.2673, 0.2907)
contains.

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Color

Yxy(52.0435, 0.2676, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	A1C3E1
RGB	161, 195, 225
RGB Percent	63%, 76%, 88%
CMY	0.3689, 0.2352, 0.1176
CMYK	0.28, 0.13, 0.00, 0.12
HSL	208°, 52%, 76%
HSV	208°, 28%, 88%
XYZ	47.7929, 52.0435, 78.7618
YIQ	188.2540, -29.8940, 2.1220

Conversions

Conversions Part 2

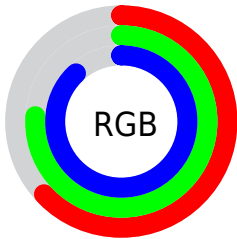
Format	Color
R _Y B	161, 183, 225
Decimal	10601441
CIE Lab	77.31, -4.59, -18.66
CIE LCh	77, 19.216, 256.193
Yxy	52.0435, 0.2676, 0.2914
Android (android.graphics.Color)	4288791521 (0xFFA1C3E1)
YUV	188.2540, 18.1158, -23.9018
Hunter-Lab	72.1412, -7.9925, -14.2324

Details

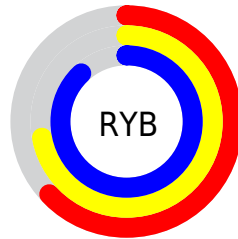
The Yxy color **52.0435, 0.2676, 0.2914** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.8020, 0.3657, 0.3638**, and the grayscale version is **50.3432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5925, 0.2899, 0.3259**, and **25.1402, 0.2558, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **45.3620, 0.2515, 0.2757**, and if you desaturate by 10%, it is **59.4824, 0.2838, 0.3059**.

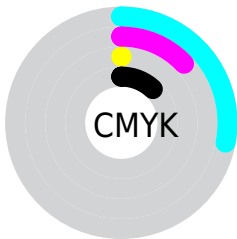
Distribution



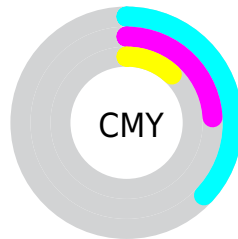
- Red (63%)
- Green (76%)
- Blue (88%)



- Red (63%)
- Yellow (72%)
- Blue (88%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (37%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0435, 0.2676, 0.2914 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 52.0435, 0.2676, 0.2914 by changing the saturation by 10% instead.

■ 52.0435, 0.2676,
0.2914

■ 52.0435, 0.2676,
0.2914

■ 394.6045, 0.2894,
0.3099

■ 37.0397, 0.2624,
0.2869

■ 93.1954, 0.2753,
0.2980

■ 25.2383, 0.2559,
0.2813

■ 120.1123, 0.2783,
0.3005

■ 16.2547, 0.2474,
0.2739

■ 151.7691, 0.2808,
0.3027

■ 9.7045, 0.2360,
0.2638

■ 188.5501, 0.2830,
0.3045

■ 5.2035, 0.2201,
0.2495

■ 230.8398, 0.2849,
0.3061

■ 2.3672, 0.1962,
0.2275

■ 279.0225, 0.2866,

■ 0.8089, 0.1550,

0.3075

0.1908

333.4826, 0.2881,
0.3087

0.0000, 0.0000,
0.0000

52.0435, 0.2676,
0.2914

52.0435, 0.2676,
0.2914

45.3620, 0.2515,
0.2757

59.4824, 0.2838,
0.3059

39.4024, 0.2359,
0.2588

67.7000, 0.2996,
0.3190

34.1349, 0.2212,
0.2410

76.7242, 0.3150,
0.3307

29.5248, 0.2079,
0.2227

86.5797, 0.3297,
0.3411

25.5335, 0.1965,
0.2043

93.6250, 0.3312,
0.3512

■ 22.1164, 0.1874,
0.1863

■ 98.2164, 0.3304,
0.3582

■ 19.2110, 0.1806,
0.1691

■ 18.8009, 0.1796,
0.1666

Harmonies

Analogous

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



52.0435, 0.2640, 0.3073



52.0435, 0.2676, 0.2914



52.0435, 0.2828, 0.2859

Triad

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



52.0435, 0.2676, 0.2914



52.0435, 0.3541, 0.3256



52.0435, 0.3173, 0.3709

Complementary

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



52.0435, 0.2676, 0.2914



55.8020, 0.3657, 0.3638

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.



52.0435, 0.3421, 0.3747



52.0435, 0.2676, 0.2914



52.0435, 0.3640, 0.3474

Square

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



52.0435, 0.2676, 0.2914



52.0435, 0.3327, 0.3055



52.0435, 0.3595, 0.3656



52.0435, 0.2920, 0.3543

Rectangle

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



52.0435, 0.2676, 0.2914



52.0435, 0.2979, 0.2883



52.0435, 0.3595, 0.3656



52.0435, 0.3260, 0.3737

Sweetspot

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



52.0456, 0.2676, 0.2914



89.2426, 0.2987, 0.3182



65.1759, 0.2910, 0.3719



18.7472, 0.2964, 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.



52.0456, 0.2676, 0.2914



63.8887, 0.2583, 0.2825



39.2238, 0.2632, 0.2495



14.4448, 0.2981, 0.3178



11.0699, 0.1803, 0.1692



0.9461, 0.1877, 0.1957

Inverse Universe

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



45.4142, 0.3424, 0.2899



54.2532, 0.3505, 0.2817



71.2831, 0.3562, 0.3978



13.8218, 0.3209, 0.3166



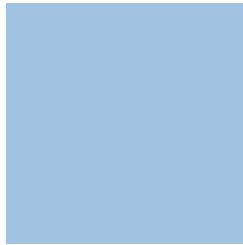
10.0256, 0.4817, 0.2427



0.7130, 0.4501, 0.2253

Previews

White Background



This preview shows how the Yxy color 52.0435, 0.2676, 0.2914 looks on a white background.

Color Contrast Check

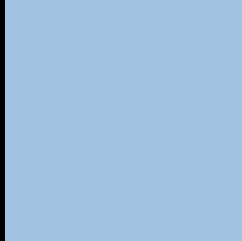
Large Text (above 18pt) WCAG AA × Fail

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 52.0435, 0.2676, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

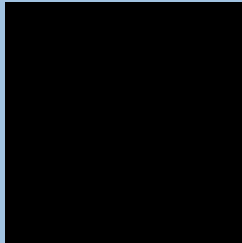
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

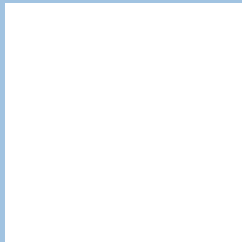
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0435, 0.2676, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 52.0435, 0.2676, 0.2914.



This preview shows how white text looks on a background with the Yxy color 52.0435, 0.2676, 0.2914.

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

52.0435, 0.2676, 0.2914

Protanopia

51.9299, 0.2865, 0.2902

Deuteranopia

51.7402, 0.2867, 0.2804



Tritanopia

52.0057, 0.2732, 0.3084

Trichromacy



Original Color

52.0435, 0.2676, 0.2914

Protanomaly

51.7656, 0.2794, 0.2909

Deuteranomaly

51.5895, 0.2795, 0.2841

Tritanomaly

51.8605, 0.2713, 0.3022

Monochromacy



Original Color

52.0435, 0.2676, 0.2914

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9436, 0.2951, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0435, 0.2676, 0.2914 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(161, 195, 225)` looks like.

```
.text, #text, p{  
    color:rgb(161, 195, 225)  
}
```

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(161, 195, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 195, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.0435, 0.2676, 0.2914 is called "border". The border property can be set on classes, ids or directly on the HTML element.

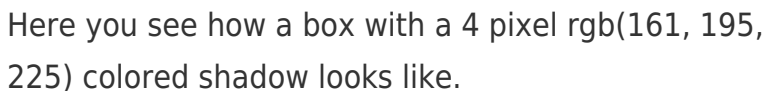
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 195, 225) }
```

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

```
.border{ border-color:rgb(161, 195, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 195, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 195, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 195, 225); box-shadow:4px 4px 4px 4px rgb(161, 195, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0435, 0.2676, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 195, 225) }
```

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

```
.background{ background-color: rgb(161,  
195, 225) }
```

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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