

Converting Colors

$Yxy(52.0681, 0.2712, 0.2883)$

Have a look what the booklet for
Yxy(52.0681, 0.2712, 0.2883)
contains.

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Color

Yxy(51.9557, 0.2715, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	A8C1E2
RGB	168, 193, 226
RGB Percent	66%, 76%, 89%
CMY	0.3411, 0.2431, 0.1139
CMYK	0.26, 0.15, 0.00, 0.11
HSL	214°, 50%, 77%
HSV	214°, 26%, 89%
XYZ	48.9451, 51.9557, 79.3758
YIQ	189.2870, -25.4930, 4.9630

Conversions

Conversions Part 2

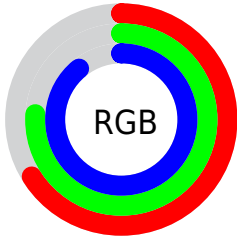
Format	Color
R _Y B	168, 185, 226
Decimal	11059682
CIE Lab	77.25, -1.19, -19.22
CIE LCh	77, 19.253, 266.457
Yxy	51.9557, 0.2715, 0.2882
Android (android.graphics.Color)	4289249762 (0xFFA8C1E2)
YUV	189.2870, 18.0995, -18.6687
Hunter-Lab	72.0803, -4.9327, -14.8347

Details

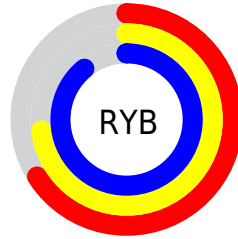
The Yxy color **51.9557, 0.2715, 0.2882** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.7578, 0.3579, 0.3666**, and the grayscale version is **50.9693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8187, 0.2939, 0.3229**, and **25.3413, 0.2607, 0.2775** is the 20% darker color. If you saturate the color by 10%, you get **44.2502, 0.2545, 0.2693**, and if you desaturate by 10%, it is **60.5904, 0.2881, 0.3055**.

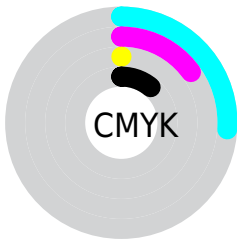
Distribution



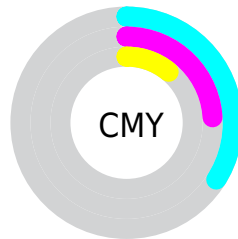
- Red (66%)
- Green (76%)
- Blue (89%)



- Red (66%)
- Yellow (73%)
- Blue (89%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)





- Cyan (34%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9557, 0.2715, 0.2882 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 51.9557, 0.2715, 0.2882 by changing the saturation by 10% instead.


 51.9557, 0.2715,
0.2882


 51.9557, 0.2715,
0.2882


394.2656, 0.2915,
0.3081

 36.9698, 0.2667,
0.2834


 93.0659, 0.2786,
0.2953

 25.1841, 0.2607,
0.2774


 119.9590, 0.2813,
0.2980

 16.2143, 0.2529,
0.2696


151.5899, 0.2836,
0.3003

 9.6759, 0.2423,
0.2590

188.3430, 0.2856,
0.3023

 5.1846, 0.2275,
0.2440

230.6027, 0.2874,
0.3040

 2.3560, 0.2052,
0.2213

278.7534, 0.2889,

 0.8031, 0.1678,

0.3055

0.1835

333.1796, 0.2903,
0.3069

0.0000, 0.0000,
0.0000

51.9557, 0.2715,
0.2882

51.9557, 0.2715,
0.2882

44.2502, 0.2545,
0.2693

60.5904, 0.2881,
0.3055

37.4327, 0.2376,
0.2488

70.1808, 0.3041,
0.3210

31.4682, 0.2212,
0.2272

80.7598, 0.3192,
0.3348

26.3161, 0.2060,
0.2050

91.7049, 0.3310,
0.3471

21.9319, 0.1926,
0.1828

98.2692, 0.3298,
0.3572

■ 18.2654, 0.1817,
0.1614

■ 15.2573, 0.1734,
0.1415

■ 14.1164, 0.1704,
0.1334

Harmonies

Analogous

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



51.9557, 0.2637, 0.3007



51.9557, 0.2715, 0.2882



51.9557, 0.2901, 0.2865

Triad

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



51.9557, 0.2715, 0.2882



51.9557, 0.3591, 0.3331



51.9557, 0.3084, 0.3666

Complementary

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



51.9557, 0.2715, 0.2882



60.7578, 0.3579, 0.3666

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.



51.9557, 0.3342, 0.3751



51.9557, 0.2715, 0.2882



51.9557, 0.3642, 0.3543

Square

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



51.9557, 0.2715, 0.2882



51.9557, 0.3410, 0.3119



51.9557, 0.3549, 0.3701



51.9557, 0.2844, 0.3466

Rectangle

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



51.9557, 0.2715, 0.2882



51.9557, 0.3066, 0.2912



51.9557, 0.3549, 0.3701



51.9557, 0.3171, 0.3709

Sweetspot

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



51.9578, 0.2715, 0.2882



89.1520, 0.3003, 0.3174



66.9124, 0.2896, 0.3597



18.6657, 0.2979, 0.3151



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.



51.9578, 0.2715, 0.2882



62.5525, 0.2621, 0.2779



42.2600, 0.2715, 0.2566



14.2103, 0.2981, 0.3153



8.2817, 0.1712, 0.1362



0.7494, 0.1795, 0.1663

Inverse Universe

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



48.0271, 0.3440, 0.3005



56.9457, 0.3531, 0.2940



72.7488, 0.3484, 0.3935



13.7982, 0.3225, 0.3189



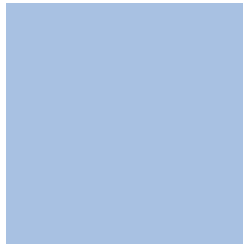
9.7441, 0.5241, 0.2661



0.6931, 0.4852, 0.2446

Previews

White Background



This preview shows how the Yxy color 51.9557, 0.2715, 0.2882 looks on a white background.

Color Contrast Check

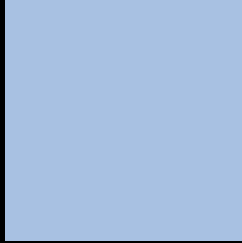
Large Text (above 18pt) WCAG AA × Fail

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 51.9557, 0.2715, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

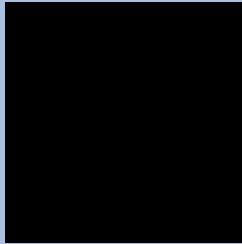
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

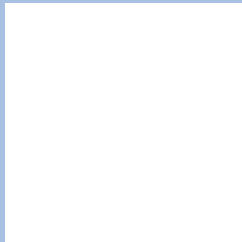
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9557, 0.2715, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 51.9557, 0.2715, 0.2882.



This preview shows how white text looks on a background with the Yxy color 51.9557, 0.2715, 0.2882.

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

51.9557, 0.2715, 0.2882

Protanopia

51.9133, 0.2844, 0.2879

Deuteranopia

51.7402, 0.2867, 0.2804



Tritanopia

52.1823, 0.2792, 0.3098

Trichromacy



Original Color

51.9557, 0.2715, 0.2882

Protanomaly

51.6737, 0.2794, 0.2875

Deuteranomaly

52.0085, 0.2810, 0.2833

Tritanomaly

52.0951, 0.2766, 0.3025

Monochromacy



Original Color

51.9557, 0.2715, 0.2882

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9149, 0.2967, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9557, 0.2715, 0.2882 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(168, 193, 226)` looks like.

```
.text, #text, p{  
    color:rgb(168, 193, 226)  
}
```

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(168, 193, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 193, 226) }
```

Border

The CSS property to change the border of an element to Yxy 51.9557, 0.2715, 0.2882 is called "border". The border property can be set on classes, ids or directly on the HTML element.

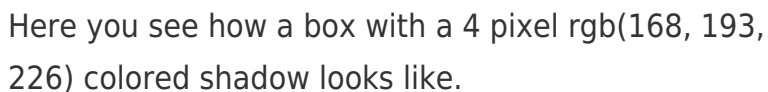
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 193, 226) }
```

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

```
.border{ border-color:rgb(168, 193, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 193, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 193, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 193, 226); box-shadow:4px 4px 4px 4px rgb(168, 193, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9557, 0.2715, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 193, 226) }
```

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

```
.background{ background-color: rgb(168,  
193, 226) }
```

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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