

Converting Colors

Yxy(51.9252, 0.2820, 0.2932)

Have a look what the booklet for
Yxy(51.9252, 0.2820, 0.2932)
contains.

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Color

Yxy(51.8939, 0.2821, 0.2934)

Conversions

Conversions Part 1

Format	Color
Hex	B2BFDC
RGB	178, 191, 220
RGB Percent	70%, 75%, 86%
CMY	0.3022, 0.2509, 0.1373
CMYK	0.19, 0.13, 0.00, 0.14
HSL	221°, 38%, 78%
HSV	221°, 19%, 86%
XYZ	49.8953, 51.8939, 75.0817
YIQ	190.4190, -17.0570, 6.2630

Conversions

Conversions Part 2

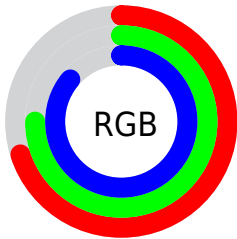
Format	Color
R _Y B	178, 188, 220
Decimal	11714524
CIE Lab	77.22, 1.55, -15.97
CIE LCh	77, 16.049, 275.529
Yxy	51.8939, 0.2821, 0.2934
Android (android.graphics.Color)	4289904604 (0xFFB2BFDC)
YUV	190.4190, 14.5834, -10.8915
Hunter-Lab	72.0374, -2.4311, -11.3694

Details

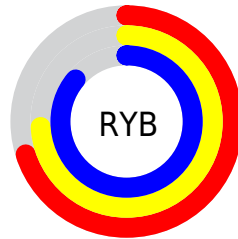
The Yxy color **51.8939, 0.2821, 0.2934** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.9957, 0.3440, 0.3622**, and the grayscale version is **51.6633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2340, 0.2999, 0.3210**, and **25.2535, 0.2741, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **43.2300, 0.2646, 0.2716**, and if you desaturate by 10%, it is **61.6627, 0.2986, 0.3130**.

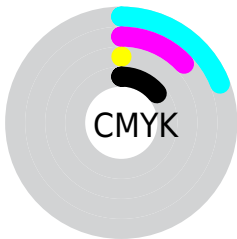
Distribution



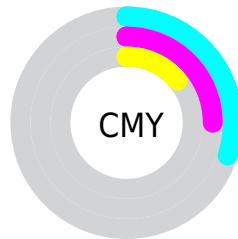
- Red (70%)
- Green (75%)
- Blue (86%)



- Red (70%)
- Yellow (74%)
- Blue (86%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8939, 0.2821, 0.2934 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 51.8939, 0.2821, 0.2934 by changing the saturation by 10% instead.

■ 51.8939, 0.2821,
0.2934

■ 51.8939, 0.2821,
0.2934

394.0269, 0.2970,
0.3107

■ 36.9205, 0.2785,
0.2892

■ 92.9747, 0.2874,
0.2996

■ 25.1460, 0.2739,
0.2840

119.8510, 0.2895,
0.3019

■ 16.1858, 0.2680,
0.2772

151.4636, 0.2912,
0.3039

■ 9.6557, 0.2599,
0.2679

188.1971, 0.2927,
0.3056

■ 5.1713, 0.2483,
0.2548

230.4358, 0.2940,
0.3072

■ 2.3481, 0.2305,
0.2348

278.5640, 0.2951,

■ 0.7990, 0.1999,

0.3085

0.2004

332.9662, 0.2961,
0.3097

0.0000, 0.0000,
0.0000

51.8939, 0.2821,
0.2934

51.8939, 0.2821,
0.2934

43.2300, 0.2646,
0.2716

61.6627, 0.2986,
0.3130

35.6242, 0.2465,
0.2478

72.5683, 0.3140,
0.3305

29.0353, 0.2283,
0.2224

84.6492, 0.3282,
0.3458

23.4170, 0.2106,
0.1960

95.8087, 0.3338,
0.3600

18.7189, 0.1944,
0.1696

97.9462, 0.3334,
0.3631

■ 14.8857, 0.1805,
0.1444

■ 11.8543, 0.1696,
0.1216

■ 9.5385, 0.1619,
0.1021

■ 9.3602, 0.1613,
0.1006

Harmonies

Analogous

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



51.8939, 0.2725, 0.3014



51.8939, 0.2821, 0.2934



51.8939, 0.2999, 0.2946

Triad

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



51.8939, 0.2821, 0.2934



51.8939, 0.3539, 0.3383



51.8939, 0.3027, 0.3559

Complementary

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



51.8939, 0.2821, 0.2934



62.9957, 0.3440, 0.3622

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.



51.8939, 0.3245, 0.3663



51.8939, 0.2821, 0.2934



51.8939, 0.3545, 0.3550

Square

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



51.8939, 0.2821, 0.2934



51.8939, 0.3418, 0.3199



51.8939, 0.3435, 0.3656



51.8939, 0.2841, 0.3376

Rectangle

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



51.8939, 0.2821, 0.2934



51.8939, 0.3144, 0.3002



51.8939, 0.3435, 0.3656



51.8939, 0.3099, 0.3605

Sweetspot

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



51.8960, 0.2821, 0.2934



90.6736, 0.3035, 0.3186



65.1213, 0.2922, 0.3450



19.1982, 0.3025, 0.3174



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.



51.8960, 0.2821, 0.2934



67.4058, 0.2751, 0.2848



47.3752, 0.2871, 0.2777



13.2753, 0.2981, 0.3124



5.6700, 0.1620, 0.1032



0.5184, 0.1711, 0.1360

Inverse Universe

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



50.7897, 0.3388, 0.3138



65.7843, 0.3458, 0.3104



68.4246, 0.3355, 0.3773



13.1180, 0.3243, 0.3217



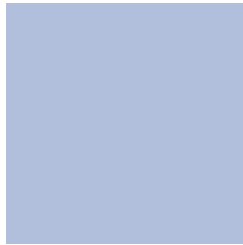
9.1961, 0.5710, 0.2919



0.6110, 0.5244, 0.2663

Previews

White Background



This preview shows how the Yxy color 51.8939, 0.2821, 0.2934 looks on a white background.

Color Contrast Check

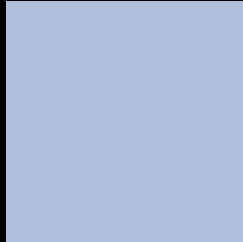
Large Text (above 18pt) WCAG AA × Fail

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 51.8939, 0.2821, 0.2934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

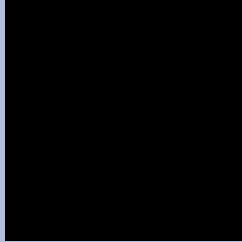
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8939, 0.2821, 0.2934

Background



This preview shows how black text looks on a background with the Yxy color 51.8939, 0.2821, 0.2934.



This preview shows how white text looks on a background with the Yxy color 51.8939, 0.2821, 0.2934.

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

51.8939, 0.2821, 0.2934

Protanopia

51.8240, 0.2878, 0.2925

Deuteranopia

51.8076, 0.2932, 0.2874



Tritanopia

51.9241, 0.2888, 0.3101

Trichromacy



Original Color

51.8939, 0.2821, 0.2934

Protanomaly

51.8865, 0.2857, 0.2936

Deuteranomaly

51.8783, 0.2887, 0.2893

Tritanomaly

51.7999, 0.2868, 0.3040

Monochromacy



Original Color

51.8939, 0.2821, 0.2934

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4831, 0.3013, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8939, 0.2821, 0.2934 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(178, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(178, 191, 220)  
}
```

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(178, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 191, 220) }
```

Border

The CSS property to change the border of an element to Yxy 51.8939, 0.2821, 0.2934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

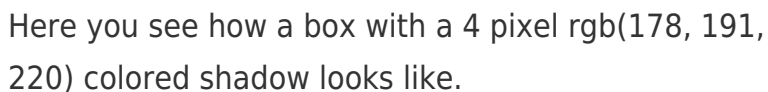
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 191, 220) }
```

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

```
.border{ border-color:rgb(178, 191, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 191, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 191, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 191, 220); box-shadow:4px 4px 4px 4px rgb(178, 191, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8939, 0.2821, 0.2934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 191, 220) }
```

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

```
.background{ background-color: rgb(178,  
191, 220) }
```

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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