

Converting Colors

Yxy(51.8339, 0.2947, 0.3091)

Have a look what the booklet for
Yxy(51.8339, 0.2947, 0.3091)
contains.

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Color

Yxy(51.8339, 0.2947, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	B7BFCF
RGB	183, 191, 207
RGB Percent	72%, 75%, 81%
CMY	0.2824, 0.2509, 0.1882
CMYK	0.12, 0.08, 0.00, 0.19
HSL	220°, 20%, 76%
HSV	220°, 12%, 81%
XYZ	49.4191, 51.8339, 66.4400
YIQ	190.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

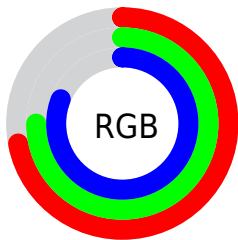
Format	Color
RYB	183, 189, 207
Decimal	12042191
CIELab	77.18, 0.41, -8.98
CIELCh	77, 8.989, 272.641
Yxy	51.8339, 0.2947, 0.3091
Android (android.graphics.Color)	4290232271 (0xFFB7BFCF)
YUV	190.4320, 8.1680, -6.5179
Hunter-Lab	71.9958, -3.4671, -4.3176

Details

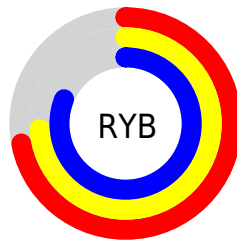
The Yxy color **51.8339, 0.2947, 0.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5254, 0.3310, 0.3481**, and the grayscale version is **51.7106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0923, 0.3030, 0.3211**, and **25.2227, 0.2897, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **43.7489, 0.2780, 0.2897**, and if you desaturate by 10%, it is **60.8626, 0.3103, 0.3264**.

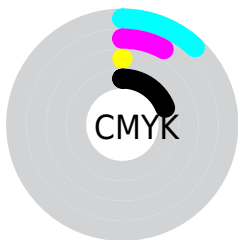
Distribution



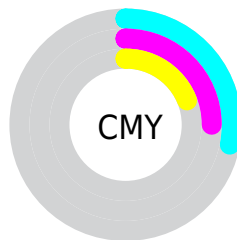
- Red (72%)
- Green (75%)
- Blue (81%)



- Red (72%)
- Yellow (74%)
- Blue (81%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8339, 0.2947, 0.3091 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 51.8339, 0.2947, 0.3091 by changing the saturation by 10% instead.

■ 51.8339, 0.2947,
0.3091

■ 51.8339, 0.2947,
0.3091

393.7950, 0.3035,
0.3188

■ 36.8727, 0.2926,
0.3067

■ 92.8862, 0.2979,
0.3126

■ 25.1089, 0.2898,
0.3037

119.7462, 0.2991,
0.3139

■ 16.1582, 0.2862,
0.2998

151.3411, 0.3001,
0.3150

■ 9.6362, 0.2813,
0.2944

188.0555, 0.3010,
0.3160

■ 5.1584, 0.2742,
0.2866

230.2736, 0.3017,
0.3169

■ 2.3405, 0.2630,
0.2744

278.3800, 0.3024,

■ 0.7950, 0.2426,

0.3176

0.2518

332.7590, 0.3030,
0.3183

0.0000, 0.0000,
0.0000

51.8339, 0.2947,
0.3091

51.8339, 0.2947,
0.3091

43.7489, 0.2780,
0.2897

60.8626, 0.3103,
0.3264

36.5693, 0.2606,
0.2683

70.8585, 0.3248,
0.3417

30.2635, 0.2427,
0.2450

81.8528, 0.3380,
0.3551

24.7957, 0.2249,
0.2202

91.7695, 0.3427,
0.3678

20.1273, 0.2079,
0.1946

97.2857, 0.3412,
0.3760

■ 16.2161, 0.1924,
0.1692

■ 13.0155, 0.1794,
0.1449

■ 10.4722, 0.1693,
0.1229

■ 8.7814, 0.1630,
0.1068

Harmonies

Analogous

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



51.8339, 0.2897, 0.3144



51.8339, 0.2947, 0.3091



51.8339, 0.3045, 0.3091

Triad

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



51.8339, 0.2947, 0.3091



51.8339, 0.3353, 0.3335



51.8339, 0.3084, 0.3446

Complementary

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



51.8339, 0.2947, 0.3091



57.5254, 0.3310, 0.3481

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.



51.8339, 0.3206, 0.3498



51.8339, 0.2947, 0.3091



51.8339, 0.3363, 0.3431

Square

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



51.8339, 0.2947, 0.3091



51.8339, 0.3280, 0.3230



51.8339, 0.3309, 0.3492



51.8339, 0.2975, 0.3350

Rectangle

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



51.8339, 0.2947, 0.3091



51.8339, 0.3126, 0.3120



51.8339, 0.3309, 0.3492



51.8339, 0.3125, 0.3469

Sweetspot

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



51.8361, 0.2947, 0.3091



95.3704, 0.3082, 0.3241



58.8023, 0.3006, 0.3393



20.1535, 0.3069, 0.3227



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.



51.8361, 0.2947, 0.3091



79.6053, 0.2905, 0.3043



48.8769, 0.2974, 0.2992



12.0538, 0.2982, 0.3131



5.6885, 0.1637, 0.1093



0.4629, 0.1741, 0.1469

Inverse Universe

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



50.8881, 0.3268, 0.3194



77.8620, 0.3304, 0.3172



60.8045, 0.3271, 0.3577



11.8725, 0.3239, 0.3213



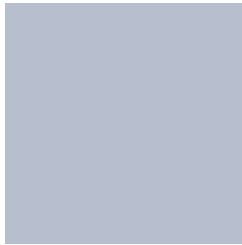
8.6455, 0.5621, 0.2870



0.4980, 0.5100, 0.2583

Previews

White Background



This preview shows how the Yxy color 51.8339, 0.2947, 0.3091 looks on a white background.

Color Contrast Check

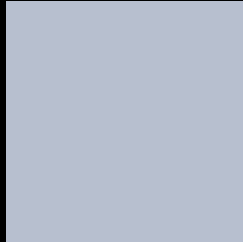
Large Text (above 18pt) WCAG AA × Fail

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 51.8339, 0.2947, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

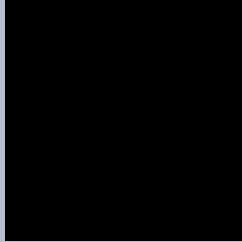
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

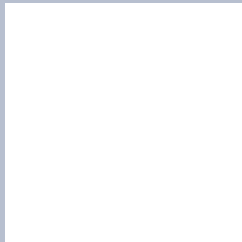
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8339, 0.2947, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 51.8339, 0.2947, 0.3091.

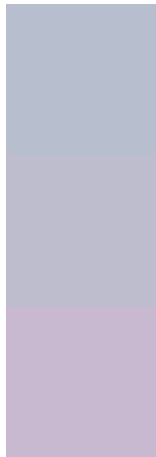


This preview shows how white text looks on a background with the Yxy color 51.8339, 0.2947, 0.3091.

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

51.8339, 0.2947, 0.3091

Protanopia

51.6702, 0.3001, 0.3081

Deuteranopia

51.6695, 0.3083, 0.3015



Tritanopia

51.7851, 0.2954, 0.3103

Trichromacy



Original Color

51.8339, 0.2947, 0.3091

Protanomaly

51.8479, 0.2985, 0.3092

Deuteranomaly

51.5640, 0.3026, 0.3035

Tritanomaly

51.7851, 0.2954, 0.3103

Monochromacy



Original Color

51.8339, 0.2947, 0.3091

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3772, 0.3058, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8339, 0.2947, 0.3091 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(183, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 207)  
}
```

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(183, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.8339, 0.2947, 0.3091 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(183, 191, 207) }
```

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

```
.border{ border-color:rgb(183, 191, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(183, 191,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8339, 0.2947, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 207) }
```

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

```
.background{ background-color: rgb(183,  
191, 207) }
```

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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