

Converting Colors

Yxy(51.4231, 0.2969, 0.3144)

Have a look what the booklet for
Yxy(51.4231, 0.2969, 0.3144)
contains.

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Color

Yxy(51.5185, 0.2968, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFCB
RGB	182, 191, 203
RGB Percent	71%, 75%, 80%
CMY	0.2863, 0.2509, 0.2040
CMYK	0.10, 0.06, 0.00, 0.20
HSL	214°, 17%, 75%
HSV	214°, 10%, 80%
XYZ	48.6965, 51.5185, 63.8567
YIQ	189.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

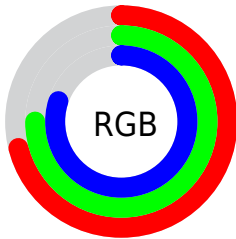
Format	Color
R _Y B	182, 188, 203
Decimal	11976651
CIE Lab	76.99, -0.74, -7.08
CIE LCh	77, 7.116, 264.040
Yxy	51.5185, 0.2968, 0.3140
Android (android.graphics.Color)	4290166731 (0xFFB6BFCB)
YUV	189.6770, 6.5682, -6.7327
Hunter-Lab	71.7764, -4.5059, -2.5046

Details

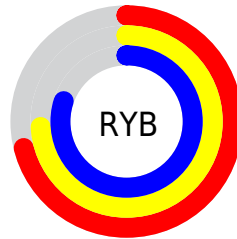
The Yxy color **51.5185, 0.2968, 0.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6289, 0.3292, 0.3436**, and the grayscale version is **51.2620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9187, 0.3024, 0.3211**, and **25.0140, 0.2924, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **44.3776, 0.2806, 0.2978**, and if you desaturate by 10%, it is **59.4205, 0.3122, 0.3285**.

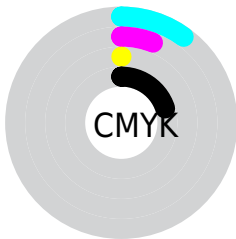
Distribution



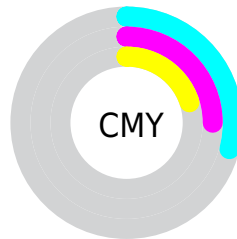
- Red (71%)
- Green (75%)
- Blue (80%)



- Red (71%)
- Yellow (74%)
- Blue (80%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5185, 0.2968, 0.3140 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 51.5185, 0.2968, 0.3140 by changing the saturation by 10% instead.

■ 51.5185, 0.2968,
0.3140

■ 51.5185, 0.2968,
0.3140

392.5749, 0.3046,
0.3214

■ 36.6214, 0.2949,
0.3122

■ 92.4207, 0.2996,
0.3167

■ 24.9145, 0.2925,
0.3099

119.1947, 0.3007,
0.3177

■ 16.0134, 0.2893,
0.3069

150.6964, 0.3016,
0.3185

■ 9.5336, 0.2850,
0.3027

187.3102, 0.3023,
0.3192

■ 5.0908, 0.2786,
0.2967

229.4206, 0.3030,
0.3199

■ 2.3007, 0.2686,
0.2871

277.4119, 0.3036,

■ 0.7741, 0.2492,

0.3204

0.2688

331.6686, 0.3041,
0.3209

0.0000, 0.0000,
0.0000

51.5185, 0.2968,
0.3140

51.5185, 0.2968,
0.3140

44.3776, 0.2806,
0.2978

59.4205, 0.3122,
0.3285

37.9667, 0.2639,
0.2798

68.1004, 0.3267,
0.3414

32.2622, 0.2470,
0.2602

77.5824, 0.3402,
0.3528

27.2363, 0.2303,
0.2393

86.3039, 0.3469,
0.3634

22.8592, 0.2144,
0.2175

93.2311, 0.3447,
0.3744

■ 19.0986, 0.2000,
0.1953

■ 97.0903, 0.3436,
0.3801

■ 15.9184, 0.1877,
0.1734

■ 13.2774, 0.1778,
0.1527

■ 11.1727, 0.1706,
0.1342

Harmonies

Analogous

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



51.5185, 0.2941, 0.3193



51.5185, 0.2968, 0.3140



51.5185, 0.3037, 0.3127

Triad

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



51.5185, 0.2968, 0.3140



51.5185, 0.3294, 0.3302



51.5185, 0.3121, 0.3429

Complementary

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



51.5185, 0.2968, 0.3140



54.6289, 0.3292, 0.3436

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.



51.5185, 0.3216, 0.3458



51.5185, 0.2968, 0.3140



51.5185, 0.3317, 0.3383

Square

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



51.5185, 0.2968, 0.3140



51.5185, 0.3225, 0.3220



51.5185, 0.3288, 0.3440



51.5185, 0.3029, 0.3362

Rectangle

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



51.5185, 0.2968, 0.3140



51.5185, 0.3098, 0.3142



51.5185, 0.3288, 0.3440



51.5185, 0.3154, 0.3444

Sweetspot

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



51.5207, 0.2968, 0.3140



95.8274, 0.3081, 0.3248



56.5302, 0.3032, 0.3403



20.2766, 0.3069, 0.3236



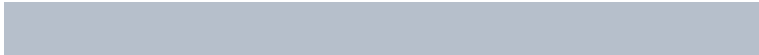
0.0000, 0.0000, 0.0000



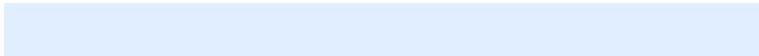
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5207, 0.2968, 0.3140



84.0239, 0.2939, 0.3112



47.8770, 0.2978, 0.3026



11.6241, 0.2983, 0.3154



7.2860, 0.1713, 0.1367



0.5256, 0.1820, 0.1752

Inverse Universe

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



49.9059, 0.3234, 0.3181



80.9337, 0.3256, 0.3160



58.5704, 0.3269, 0.3543



11.2924, 0.3224, 0.3191



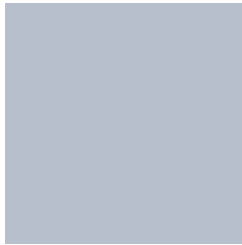
8.5385, 0.5235, 0.2658



0.4556, 0.4743, 0.2386

Previews

White Background



This preview shows how the Yxy color 51.5185, 0.2968, 0.3140 looks on a white background.

Color Contrast Check

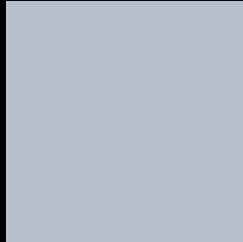
Large Text (above 18pt) WCAG AA × Fail

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 51.5185, 0.2968, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

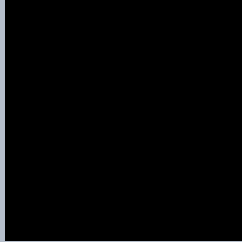
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

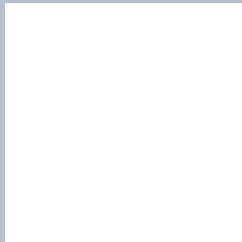
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5185, 0.2968, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 51.5185, 0.2968, 0.3140.

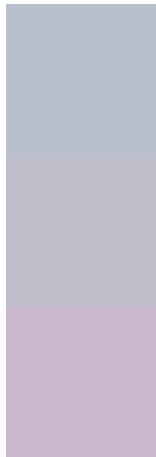


This preview shows how white text looks on a background with the Yxy color 51.5185, 0.2968, 0.3140.

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

51.5185, 0.2968, 0.3140

Protanopia

51.6066, 0.3038, 0.3130

Deuteranopia

51.1972, 0.3122, 0.3050



Tritanopia

51.6629, 0.2947, 0.3103

Trichromacy



Original Color

51.5185, 0.2968, 0.3140

Protanomaly

51.6560, 0.3014, 0.3141

Deuteranomaly

51.5024, 0.3063, 0.3083

Tritanomaly

51.6145, 0.2954, 0.3115

Monochromacy



Original Color

51.5185, 0.2968, 0.3140

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3318, 0.3065, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5185, 0.2968, 0.3140 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(182, 191, 203)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 203)  
}
```

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(182, 191, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 203) }
```

Border

The CSS property to change the border of an element to Yxy 51.5185, 0.2968, 0.3140 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(182, 191, 203) }
```

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

```
.border{ border-color:rgb(182, 191, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 203);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5185, 0.2968, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 203) }
```

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

```
.background{ background-color: rgb(182,  
191, 203) }
```

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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