

Converting Colors

$Yxy(51.2839, 0.3004, 0.3201)$

Have a look what the booklet for
Yxy(51.2839, 0.3004, 0.3201)
contains.

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Color

Yxy(51.2839, 0.3004, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFC6
RGB	182, 191, 198
RGB Percent	71%, 75%, 78%
CMY	0.2860, 0.2510, 0.2234
CMYK	0.08, 0.04, 0.00, 0.22
HSL	206°, 12%, 75%
HSV	206°, 8%, 78%
XYZ	48.1277, 51.2839, 60.8005
YIQ	189.1070, -7.6110, 0.2690

Conversions

Conversions Part 2

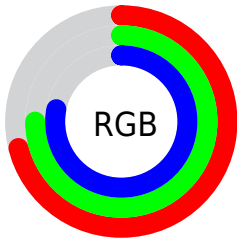
Format	Color
R_{YB}	182, 188, 198
Decimal	11976646
CIE _{Lab}	76.85, -1.69, -4.61
CIE _{LCh}	77, 4.908, 249.819
Yxy	51.2839, 0.3004, 0.3201
Android (android.graphics.Color)	4290166726 (0xFFB6BFC6)
YUV	189.1070, 4.3842, -6.2328
Hunter-Lab	71.6128, -5.3606, -0.2093

Details

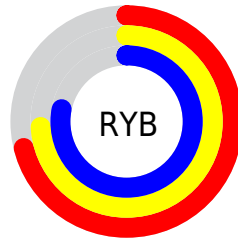
The Yxy color **51.2839, 0.3004, 0.3201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8262, 0.3256, 0.3377**, and the grayscale version is **50.9377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9187, 0.3024, 0.3211**, and **24.8577, 0.2971, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **45.3473, 0.2847, 0.3079**, and if you desaturate by 10%, it is **57.7928, 0.3156, 0.3310**.

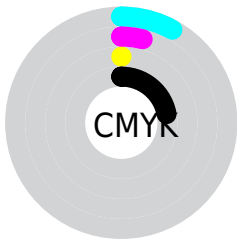
Distribution



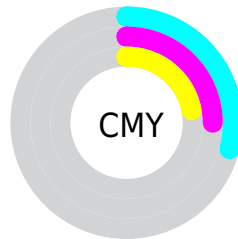
- Red (71%)
- Green (75%)
- Blue (78%)



- Red (71%)
- Yellow (74%)
- Blue (78%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2839, 0.3004, 0.3201 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 51.2839, 0.3004, 0.3201 by changing the saturation by 10% instead.

■ 51.2839, 0.3004,
0.3201

■ 51.2839, 0.3004,
0.3201

391.6658, 0.3064,
0.3245

■ 36.4346, 0.2989,
0.3190

■ 92.0743, 0.3026,
0.3217

■ 24.7700, 0.2970,
0.3176

118.7842, 0.3034,
0.3223

■ 15.9058, 0.2946,
0.3158

150.2163, 0.3041,
0.3228

■ 9.4575, 0.2912,
0.3133

186.7552, 0.3047,
0.3232

■ 5.0408, 0.2862,
0.3096

228.7852, 0.3052,
0.3236

■ 2.2712, 0.2784,
0.3036

276.6907, 0.3057,

■ 0.7584, 0.2616,

0.3239

0.2920

330.8561, 0.3061,
0.3242

0.0000, 0.0000,
0.0000

51.2839, 0.3004,
0.3201

51.2839, 0.3004,
0.3201

45.3473, 0.2847,
0.3079

57.7928, 0.3156,
0.3310

39.9583, 0.2689,
0.2945

64.8848, 0.3302,
0.3408

35.0999, 0.2531,
0.2800

72.5783, 0.3441,
0.3494

30.7515, 0.2379,
0.2643

79.6803, 0.3526,
0.3574

26.8908, 0.2235,
0.2479

84.5474, 0.3507,
0.3659

■ 23.4937, 0.2106,
0.2308

■ 89.6597, 0.3489,
0.3742

■ 20.5329, 0.1995,
0.2137

■ 95.0206, 0.3471,
0.3823

■ 17.9774, 0.1906,
0.1967

■ 96.8582, 0.3466,
0.3850

■ 15.7824, 0.1838,
0.1804

Harmonies

Analogous

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



51.2839, 0.3001, 0.3249



51.2839, 0.3004, 0.3201



51.2839, 0.3039, 0.3178

Triad

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



51.2839, 0.3004, 0.3201



51.2839, 0.3223, 0.3271



51.2839, 0.3155, 0.3399

Complementary

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



51.2839, 0.3004, 0.3201



51.8262, 0.3256, 0.3377

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.



51.2839, 0.3215, 0.3404



51.2839, 0.3004, 0.3201



51.2839, 0.3255, 0.3329

Square

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



51.2839, 0.3004, 0.3201



51.2839, 0.3166, 0.3218



51.2839, 0.3252, 0.3378



51.2839, 0.3088, 0.3364

Rectangle

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



51.2839, 0.3004, 0.3201



51.2839, 0.3077, 0.3179



51.2839, 0.3252, 0.3378



51.2839, 0.3177, 0.3404

Sweetspot

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



51.2861, 0.3004, 0.3201



97.6193, 0.3096, 0.3268



54.0238, 0.3068, 0.3404



20.9196, 0.3098, 0.3269



0.0000, 0.0000, 0.0000



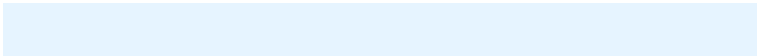
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2861, 0.3004, 0.3201



88.5159, 0.2972, 0.3177



47.9499, 0.3004, 0.3100



11.2546, 0.2983, 0.3186



10.1762, 0.1832, 0.1794



0.6245, 0.1927, 0.2136

Inverse Universe

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



49.2510, 0.3192, 0.3180



84.0927, 0.3211, 0.3151



55.3019, 0.3247, 0.3473



10.7346, 0.3204, 0.3162



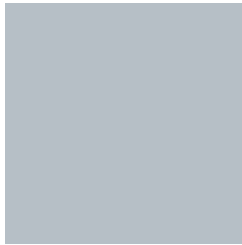
8.5673, 0.4693, 0.2359



0.4201, 0.4302, 0.2143

Previews

White Background



This preview shows how the Yxy color 51.2839, 0.3004, 0.3201 looks on a white background.

Color Contrast Check

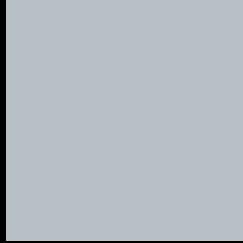
Large Text (above 18pt) WCAG AA × Fail

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 51.2839, 0.3004, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

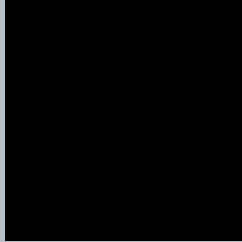
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

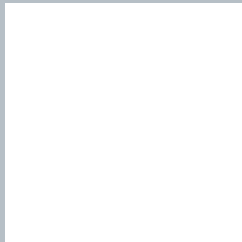
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2839, 0.3004, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 51.2839, 0.3004, 0.3201.



This preview shows how white text looks on a background with the Yxy color 51.2839, 0.3004, 0.3201.

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

51.2839, 0.3004, 0.3201

Protanopia

51.0740, 0.3083, 0.3178

Deuteranopia

51.1010, 0.3169, 0.3110



Tritanopia

51.3020, 0.2961, 0.3103

Trichromacy



Original Color

51.2839, 0.3004, 0.3201

Protanomaly

51.1178, 0.3059, 0.3190

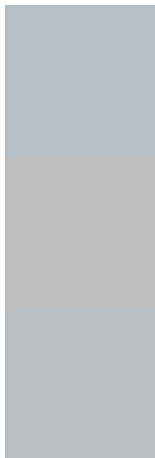
Deuteranomaly

51.2663, 0.3101, 0.3143

Tritanomaly

51.1585, 0.2983, 0.3139

Monochromacy



Original Color

51.2839, 0.3004, 0.3201

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0718, 0.3080, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2839, 0.3004, 0.3201 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.2839, 0.3004, 0.3201 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, 198) }
```

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

```
.border{ border-color:rgb(182, 191, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 198);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2839, 0.3004, 0.3201 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, 198) }
```

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

```
.background{ background-color: rgb(182,  
191, 198) }
```

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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