

Converting Colors

Yxy(51.8797, 0.2973, 0.3181)

Have a look what the booklet for
Yxy(51.8797, 0.2973, 0.3181)
contains.

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Color

Yxy(51.7401, 0.2974, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	B5C0C9
RGB	181, 192, 201
RGB Percent	71%, 75%, 79%
CMY	0.2905, 0.2470, 0.2118
CMYK	0.10, 0.04, 0.00, 0.21
HSL	207°, 16%, 75%
HSV	207°, 10%, 79%
XYZ	48.4341, 51.7401, 62.6842
YIQ	189.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

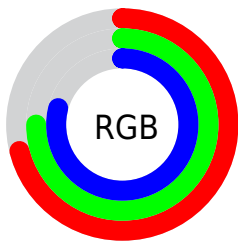
Format	Color
R_{YB}	181, 188, 201
Decimal	11911369
CIE _{Lab}	77.13, -2.03, -5.82
CIE _{LCh}	77, 6.162, 250.739
Yxy	51.7401, 0.2974, 0.3177
Android (android.graphics.Color)	4290101449 (0xFFB5C0C9)
YUV	189.7370, 5.5527, -7.6623
Hunter-Lab	71.9306, -5.6865, -1.3171

Details

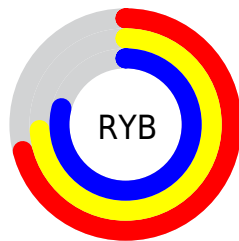
The Yxy color **51.7401, 0.2974, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5277, 0.3289, 0.3400**, and the grayscale version is **51.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3593, 0.3018, 0.3221**, and **25.1610, 0.2933, 0.3153** is the 20% darker color. If you saturate the color by 10%, you get **45.6624, 0.2816, 0.3051**, and if you desaturate by 10%, it is **58.4131, 0.3127, 0.3290**.

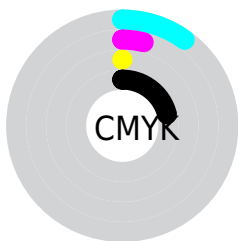
Distribution



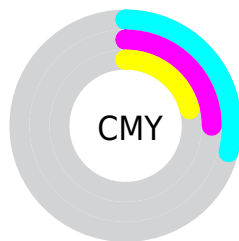
- Red (71%)
- Green (75%)
- Blue (79%)



- Red (71%)
- Yellow (74%)
- Blue (79%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7401, 0.2974, 0.3177 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 51.7401, 0.2974, 0.3177 by changing the saturation by 10% instead.

■ 51.7401, 0.2974,
0.3177

■ 51.7401, 0.2974,
0.3177

■ 393.4324, 0.3049,
0.3233

■ 36.7980, 0.2956,
0.3163

■ 92.7478, 0.3001,
0.3197

■ 25.0511, 0.2933,
0.3146

■ 119.5822, 0.3011,
0.3205

■ 16.1151, 0.2902,
0.3123

■ 151.1494, 0.3020,
0.3211

■ 9.6057, 0.2860,
0.3091

■ 187.8339, 0.3027,
0.3217

■ 5.1383, 0.2800,
0.3045

■ 230.0201, 0.3034,
0.3222

■ 2.3286, 0.2704,
0.2970

■ 278.0923, 0.3039,

■ 0.7888, 0.2512,

0.3226

0.2830

332.4349, 0.3045,
0.3229

0.0000, 0.0000,
0.0000

51.7401, 0.2974,
0.3177

51.7401, 0.2974,
0.3177

45.6624, 0.2816,
0.3051

58.4131, 0.3127,
0.3290

40.1544, 0.2657,
0.2913

65.6932, 0.3275,
0.3391

35.1978, 0.2499,
0.2763

73.5998, 0.3415,
0.3480

30.7709, 0.2348,
0.2602

80.9305, 0.3501,
0.3563

26.8499, 0.2206,
0.2433

85.9980, 0.3483,
0.3651

■ 23.4091, 0.2079,
0.2260

■ 91.3257, 0.3465,
0.3736

■ 20.4194, 0.1971,
0.2086

■ 96.9174, 0.3448,
0.3819

■ 17.8473, 0.1886,
0.1915

■ 96.9965, 0.3448,
0.3820

■ 15.6336, 0.1820,
0.1751

Harmonies

Analogous

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



51.7401, 0.2969, 0.3236



51.7401, 0.2974, 0.3177



51.7401, 0.3019, 0.3149

Triad

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



51.7401, 0.2974, 0.3177



51.7401, 0.3249, 0.3268



51.7401, 0.3160, 0.3426

Complementary

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



51.7401, 0.2974, 0.3177



52.5277, 0.3289, 0.3400

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.



51.7401, 0.3235, 0.3433



51.7401, 0.2974, 0.3177



51.7401, 0.3288, 0.3341

Square

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



51.7401, 0.2974, 0.3177



51.7401, 0.3178, 0.3202



51.7401, 0.3283, 0.3402



51.7401, 0.3076, 0.3381

Rectangle

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



51.7401, 0.2974, 0.3177



51.7401, 0.3066, 0.3151



51.7401, 0.3283, 0.3402



51.7401, 0.3187, 0.3433

Sweetspot

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



51.7423, 0.2974, 0.3177



96.4168, 0.3081, 0.3257



55.2837, 0.3054, 0.3433



20.4356, 0.3069, 0.3248



0.0000, 0.0000, 0.0000



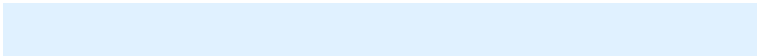
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7423, 0.2974, 0.3177



86.2376, 0.2940, 0.3151



47.5958, 0.2973, 0.3052



11.2441, 0.2983, 0.3184



10.0138, 0.1826, 0.1774



0.6172, 0.1922, 0.2120

Inverse Universe

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



49.2409, 0.3210, 0.3154



81.1572, 0.3230, 0.3124



56.8959, 0.3276, 0.3517



10.7335, 0.3205, 0.3163



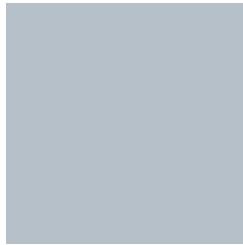
8.5509, 0.4717, 0.2372



0.4193, 0.4320, 0.2153

Previews

White Background



This preview shows how the Yxy color 51.7401, 0.2974, 0.3177 looks on a white background.

Color Contrast Check

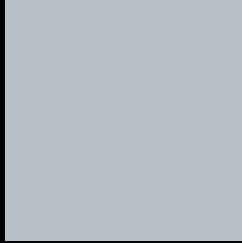
Large Text (above 18pt) WCAG AA × Fail

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 51.7401, 0.2974, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

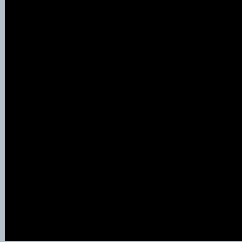
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

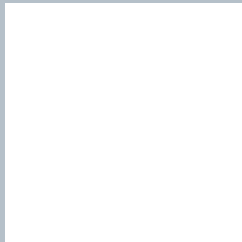
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7401, 0.2974, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 51.7401, 0.2974, 0.3177.



This preview shows how white text looks on a background with the Yxy color 51.7401, 0.2974, 0.3177.

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

51.7401, 0.2974, 0.3177

Protanopia

51.5951, 0.3068, 0.3166

Deuteranopia

51.6587, 0.3145, 0.3086



Tritanopia

51.6629, 0.2947, 0.3103

Trichromacy



Original Color

51.7401, 0.2974, 0.3177

Protanomaly

51.5618, 0.3029, 0.3165

Deuteranomaly

51.8328, 0.3078, 0.3119

Tritanomaly

51.5663, 0.2961, 0.3127

Monochromacy



Original Color

51.7401, 0.2974, 0.3177

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7214, 0.3072, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7401, 0.2974, 0.3177 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(181, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 192, 201)  
}
```

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(181, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 192, 201) }
```

Border

The CSS property to change the border of an element to Yxy 51.7401, 0.2974, 0.3177 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(181, 192, 201) }
```

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

```
.border{ border-color:rgb(181, 192, 201) }
```

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

Here you see how a box with a 4 pixel rgb(181, 192, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 192,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7401, 0.2974, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 192, 201) }
```

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

```
.background{ background-color: rgb(181,  
192, 201) }
```

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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