

Converting Colors

Yxy(51.4726, 0.2979, 0.3251)

Have a look what the booklet for
Yxy(51.4726, 0.2979, 0.3251)
contains.

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Color

Yxy(51.4726, 0.2979, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B1C1C4
RGB	177, 193, 196
RGB Percent	69%, 76%, 77%
CMY	0.3059, 0.2431, 0.2313
CMYK	0.10, 0.02, 0.00, 0.23
HSL	190°, 14%, 73%
HSV	190°, 10%, 77%
XYZ	47.1661, 51.4726, 59.6898
YIQ	188.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

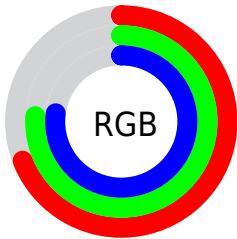
Format	Color
RYB	177, 186, 196
Decimal	11649476
CIELab	76.96, -4.86, -3.40
CIELCh	77, 5.929, 215.015
Yxy	51.4726, 0.2979, 0.3251
Android (android.graphics.Color)	4289839556 (0xFFB1C1C4)
YUV	188.5580, 3.6689, -10.1364
Hunter-Lab	71.7444, -8.2036, 0.8930

Details

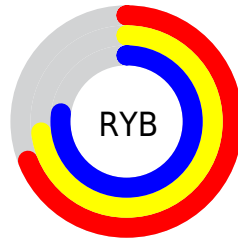
The Yxy color **51.4726, 0.2979, 0.3251** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5625, 0.3292, 0.3329**, and the grayscale version is **50.6078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1669, 0.3005, 0.3250**, and **24.9942, 0.2939, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **47.9735, 0.2830, 0.3207**, and if you desaturate by 10%, it is **55.3357, 0.3132, 0.3291**.

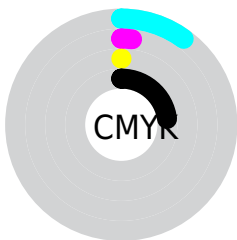
Distribution



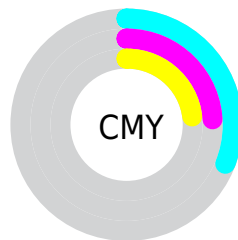
- Red (69%)
- Green (76%)
- Blue (77%)



- Red (69%)
- Yellow (73%)
- Blue (77%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4726, 0.2979, 0.3251 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 51.4726, 0.2979, 0.3251 by changing the saturation by 10% instead.

■ 51.4726, 0.2979,
0.3251

■ 51.4726, 0.2979,
0.3251

392.3972, 0.3052,
0.3271

■ 36.5849, 0.2961,
0.3246

■ 92.3530, 0.3005,
0.3258

■ 24.8862, 0.2939,
0.3240

119.1144, 0.3015,
0.3261

■ 15.9923, 0.2909,
0.3231

150.6025, 0.3023,
0.3263

■ 9.5187, 0.2869,
0.3219

187.2017, 0.3031,
0.3265

■ 5.0810, 0.2810,
0.3202

229.2964, 0.3037,
0.3267

■ 2.2949, 0.2716,
0.3172

277.2709, 0.3042,

■ 0.7710, 0.2490,

0.3268

0.3125

331.5097, 0.3047,
0.3270

0.0000, 0.0000,
0.0000

51.4726, 0.2979,
0.3251

51.4726, 0.2979,
0.3251

47.9735, 0.2830,
0.3207

55.3357, 0.3132,
0.3291

44.8176, 0.2689,
0.3160

59.5696, 0.3286,
0.3327

41.9920, 0.2557,
0.3109

64.1892, 0.3439,
0.3360

39.4802, 0.2438,
0.3056

69.1299, 0.3586,
0.3389

37.2642, 0.2335,
0.3001

70.6390, 0.3578,
0.3420

■ 35.3241, 0.2250,
0.2945

■ 72.1780, 0.3571,
0.3452

■ 33.6372, 0.2184,
0.2888

■ 73.7470, 0.3564,
0.3484

■ 32.1766, 0.2137,
0.2832

■ 75.3461, 0.3557,
0.3515

■ 30.8929, 0.2105,
0.2776

■ 76.9756, 0.3550,
0.3546

Harmonies

Analogous

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



51.4726, 0.3022, 0.3324



51.4726, 0.2979, 0.3251



51.4726, 0.2975, 0.3190

Triad

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



51.4726, 0.2979, 0.3251



51.4726, 0.3161, 0.3195



51.4726, 0.3243, 0.3425

Complementary

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



51.4726, 0.2979, 0.3251



47.5625, 0.3292, 0.3329

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.



51.4726, 0.3281, 0.3388



51.4726, 0.2979, 0.3251



51.4726, 0.3233, 0.3256

Square

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



51.4726, 0.2979, 0.3251



51.4726, 0.3080, 0.3159



51.4726, 0.3278, 0.3326



51.4726, 0.3174, 0.3425

Rectangle

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



51.4726, 0.2979, 0.3251



51.4726, 0.2996, 0.3164



51.4726, 0.3278, 0.3326



51.4726, 0.3260, 0.3416

Sweetspot

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



51.4748, 0.2979, 0.3251



97.8049, 0.3080, 0.3278



52.1278, 0.3095, 0.3500



20.8110, 0.3068, 0.3275



0.0000, 0.0000, 0.0000



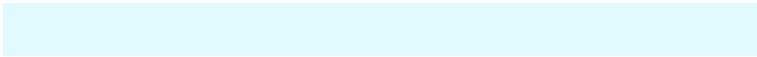
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4748, 0.2979, 0.3251



91.5890, 0.2942, 0.3241



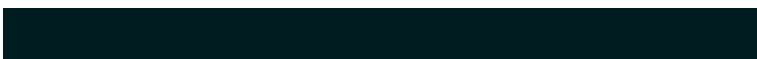
47.4707, 0.2978, 0.3130



11.1471, 0.2984, 0.3253



19.9251, 0.2106, 0.2782



0.9357, 0.2141, 0.2907

Inverse Universe

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



47.0311, 0.3163, 0.3091



81.6974, 0.3173, 0.3039



51.4662, 0.3279, 0.3445



10.2191, 0.3161, 0.3098



9.2937, 0.3651, 0.1785



0.4091, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 51.4726, 0.2979, 0.3251 looks on a white background.

Color Contrast Check

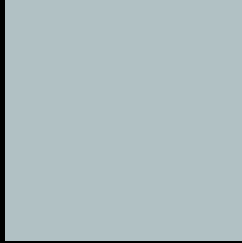
Large Text (above 18pt) WCAG AA × Fail

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 51.4726, 0.2979, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

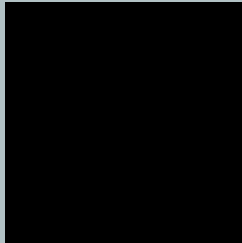
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

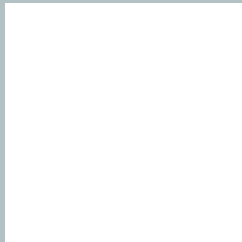
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4726, 0.2979, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 51.4726, 0.2979, 0.3251.



This preview shows how white text looks on a background with the Yxy color 51.4726, 0.2979, 0.3251.

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

51.4726, 0.2979, 0.3251

Protanopia

51.4967, 0.3114, 0.3228

Deuteranopia

51.1956, 0.3185, 0.3122



Tritanopia

51.3503, 0.2917, 0.3089

Trichromacy



Original Color

51.4726, 0.2979, 0.3251

Protanomaly

51.3318, 0.3065, 0.3227

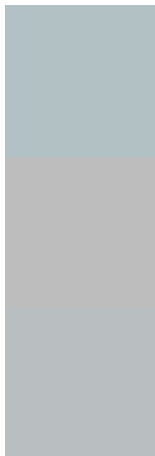
Deuteranomaly

51.0412, 0.3108, 0.3167

Tritanomaly

51.4760, 0.2937, 0.3151

Monochromacy



Original Color

51.4726, 0.2979, 0.3251

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9470, 0.3072, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4726, 0.2979, 0.3251 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(177, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 193, 196)  
}
```

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(177, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 193, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.4726, 0.2979, 0.3251 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(177, 193, 196) }
```

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

```
.border{ border-color:rgb(177, 193, 196) }
```

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

Here you see how a box with a 4 pixel rgb(177, 193, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(177, 193,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4726, 0.2979, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 193, 196) }
```

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

```
.background{ background-color: rgb(177,  
193, 196) }
```

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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