

Converting Colors

$Yxy(51.8580, 0.2976, 0.3207)$

Have a look what the booklet for
Yxy(51.8580, 0.2976, 0.3207)
contains.

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Color

Yxy(51.9667, 0.2981, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	B4C1C7
RGB	180, 193, 199
RGB Percent	71%, 76%, 78%
CMY	0.2941, 0.2431, 0.2196
CMYK	0.10, 0.03, 0.00, 0.22
HSL	199°, 15%, 74%
HSV	199°, 10%, 78%
XYZ	48.1994, 51.9667, 61.5225
YIQ	189.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

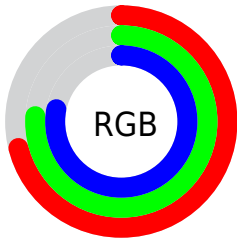
Format	Color
R _Y B	180, 188, 199
Decimal	11846087
CIE Lab	77.26, -3.26, -4.55
CIE LCh	77, 5.599, 234.340
Yxy	51.9667, 0.2981, 0.3214
Android (android.graphics.Color)	4290036167 (0xFFB4C1C7)
YUV	189.7970, 4.5371, -8.5920
Hunter-Lab	72.0879, -6.8054, -0.1387

Details

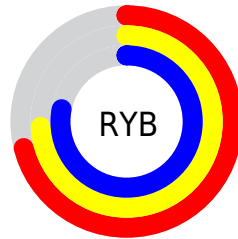
The Yxy color $51.9667, 0.2981, 0.3214$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.5488, 0.3285, 0.3365$, and the grayscale version is $51.3476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.8042, 0.3012, 0.3230$, and $25.3125, 0.2942, 0.3204$ is the 20% darker color. If you saturate the color by 10%, you get $47.0338, 0.2828, 0.3126$, and if you desaturate by 10%, it is $57.3645, 0.3134, 0.3293$.

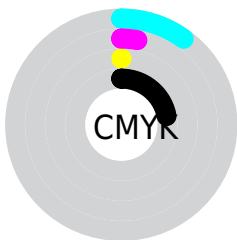
Distribution



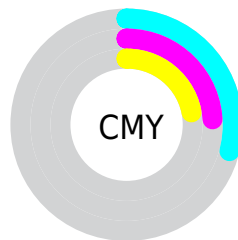
- Red (71%)
- Green (76%)
- Blue (78%)



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



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9667, 0.2981, 0.3214 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 51.9667, 0.2981, 0.3214 by changing the saturation by 10% instead.

■ 51.9667, 0.2981,
0.3214

■ 51.9667, 0.2981,
0.3214

394.3080, 0.3053,
0.3252

■ 36.9785, 0.2964,
0.3205

■ 93.0821, 0.3007,
0.3228

■ 25.1909, 0.2942,
0.3193

119.9782, 0.3016,
0.3233

■ 16.2193, 0.2913,
0.3177

151.6123, 0.3025,
0.3237

■ 9.6795, 0.2873,
0.3155

188.3689, 0.3032,
0.3241

■ 5.1870, 0.2815,
0.3123

230.6324, 0.3038,
0.3244

■ 2.3574, 0.2724,
0.3071

278.7872, 0.3043,

■ 0.8038, 0.2535,

0.3247

0.2977

333.2176, 0.3048,
0.3249

0.0000, 0.0000,
0.0000

51.9667, 0.2981,
0.3214

51.9667, 0.2981,
0.3214

47.0338, 0.2828,
0.3126

57.3645, 0.3134,
0.3293

42.5434, 0.2676,
0.3031

63.2359, 0.3284,
0.3365

38.4805, 0.2531,
0.2927

69.5973, 0.3430,
0.3428

34.8269, 0.2394,
0.2817

75.5809, 0.3535,
0.3486

31.5625, 0.2270,
0.2702

78.8992, 0.3522,
0.3549

■ 28.6653, 0.2162,
0.2583

■ 82.3420, 0.3509,
0.3610

■ 26.1105, 0.2073,
0.2463

■ 85.9107, 0.3496,
0.3671

■ 23.8688, 0.2004,
0.2344

■ 89.6065, 0.3483,
0.3731

■ 21.8890, 0.1952,
0.2226

■ 93.4307, 0.3471,
0.3789

Harmonies

Analogous

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



51.9667, 0.2998, 0.3277



51.9667, 0.2981, 0.3214



51.9667, 0.3003, 0.3172

Triad

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



51.9667, 0.2981, 0.3214



51.9667, 0.3205, 0.3236



51.9667, 0.3196, 0.3422

Complementary

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



51.9667, 0.2981, 0.3214



50.5488, 0.3285, 0.3365

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.



51.9667, 0.3253, 0.3408



51.9667, 0.2981, 0.3214



51.9667, 0.3258, 0.3301

Square

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



51.9667, 0.2981, 0.3214



51.9667, 0.3131, 0.3185



51.9667, 0.3276, 0.3364



51.9667, 0.3122, 0.3399

Rectangle

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



51.9667, 0.2981, 0.3214



51.9667, 0.3036, 0.3161



51.9667, 0.3276, 0.3364



51.9667, 0.3218, 0.3421

Sweetspot

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



51.9689, 0.2981, 0.3214



97.0485, 0.3081, 0.3267



54.0816, 0.3075, 0.3459



20.6063, 0.3068, 0.3260



0.0000, 0.0000, 0.0000



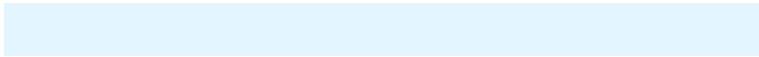
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9689, 0.2981, 0.3214



89.5491, 0.2956, 0.3200



48.0211, 0.2980, 0.3096



11.4816, 0.2984, 0.3215



14.1831, 0.1955, 0.2237



0.7973, 0.2023, 0.2482

Inverse Universe

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



48.6320, 0.3186, 0.3130



82.8342, 0.3197, 0.3102



54.5565, 0.3273, 0.3477



10.7575, 0.3185, 0.3133



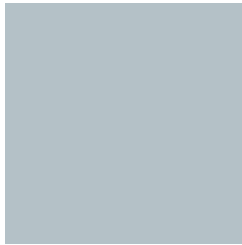
8.9718, 0.4193, 0.2083



0.4375, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 51.9667, 0.2981, 0.3214 looks on a white background.

Color Contrast Check

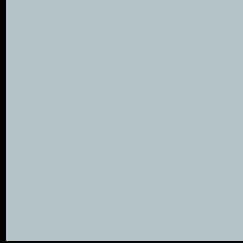
Large Text (above 18pt) WCAG AA × Fail

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 51.9667, 0.2981, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

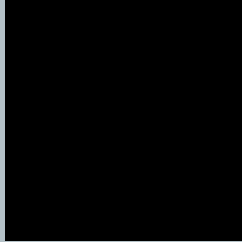
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

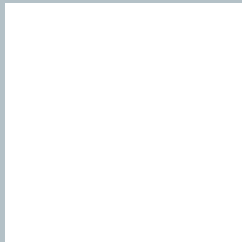
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9667, 0.2981, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 51.9667, 0.2981, 0.3214.



This preview shows how white text looks on a background with the Yxy color 51.9667, 0.2981, 0.3214.

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

51.9667, 0.2981, 0.3214

Protanopia

52.0646, 0.3091, 0.3204

Deuteranopia

51.8941, 0.3169, 0.3099



Tritanopia

52.0280, 0.2932, 0.3103

Trichromacy



Original Color

51.9667, 0.2981, 0.3214

Protanomaly

52.0302, 0.3051, 0.3203

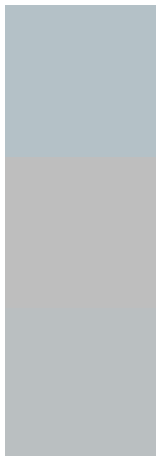
Deuteranomaly

51.8723, 0.3101, 0.3144

Tritanomaly

51.8827, 0.2953, 0.3140

Monochromacy



Original Color

51.9667, 0.2981, 0.3214

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5510, 0.3072, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9667, 0.2981, 0.3214 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(180, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 199)  
}
```

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(180, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.9667, 0.2981, 0.3214 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(180, 193, 199) }
```

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

```
.border{ border-color:rgb(180, 193, 199) }
```

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

Here you see how a box with a 4 pixel rgb(180, 193, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9667, 0.2981, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 199) }
```

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

```
.background{ background-color: rgb(180,  
193, 199) }
```

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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