

Converting Colors

$Yxy(51.6811, 0.2722, 0.3183)$

Have a look what the booklet for
Yxy(51.6811, 0.2722, 0.3183)
contains.

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Color

Yxy(51.8359, 0.2719, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	96C7CF
RGB	150, 199, 207
RGB Percent	59%, 78%, 81%
CMY	0.4117, 0.2196, 0.1883
CMYK	0.28, 0.04, 0.00, 0.19
HSL	188°, 37%, 70%
HSV	188°, 28%, 81%
XYZ	44.2656, 51.8359, 66.6996
YIQ	185.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

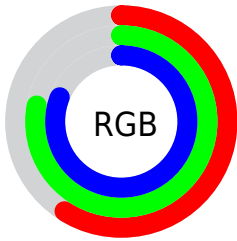
Format	Color
RYB	150, 176, 207
Decimal	9881551
CIELab	77.18, -14.08, -9.20
CIELCh	77, 16.820, 213.149
Yxy	51.8359, 0.2719, 0.3184
Android (android.graphics.Color)	4288071631 (0xFF96C7CF)
YUV	185.2610, 10.7173, -30.9239
Hunter-Lab	71.9972, -16.2488, -4.5295

Details

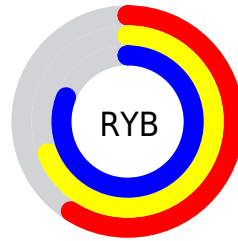
The Yxy color **51.8359, 0.2719, 0.3184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9268, 0.3694, 0.3393**, and the grayscale version is **48.6241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **25.0921, 0.2608, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **48.7204, 0.2586, 0.3140**, and if you desaturate by 10%, it is **55.3280, 0.2862, 0.3225**.

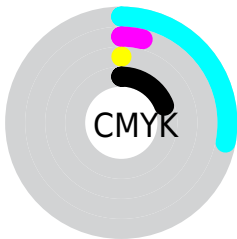
Distribution



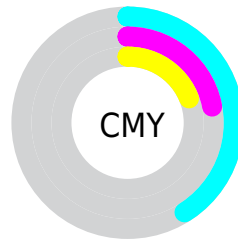
- Red (59%)
- Green (78%)
- Blue (81%)



- Red (59%)
- Yellow (69%)
- Blue (81%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8359, 0.2719, 0.3184 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 51.8359, 0.2719, 0.3184 by changing the saturation by 10% instead.

■ 51.8359, 0.2719,
0.3184

■ 51.8359, 0.2719,
0.3184

■ 393.8028, 0.2917,
0.3239

■ 36.8743, 0.2671,
0.3170

■ 92.8892, 0.2790,
0.3204

■ 25.1102, 0.2612,
0.3151

■ 119.7496, 0.2816,
0.3212

■ 16.1592, 0.2534,
0.3126

■ 151.3452, 0.2839,
0.3218

■ 9.6368, 0.2428,
0.3090

■ 188.0602, 0.2859,
0.3224

■ 5.1588, 0.2278,
0.3035

■ 230.2790, 0.2876,
0.3228

■ 2.3408, 0.2049,
0.2942

■ 278.3862, 0.2891,

■ 0.7952, 0.1458,

0.3232

0.2815

332.7659, 0.2905,
0.3236

0.0000, 0.0000,
0.0000

51.8359, 0.2719,
0.3184

51.8359, 0.2719,
0.3184

48.7204, 0.2586,
0.3140

55.3280, 0.2862,
0.3225

45.9567, 0.2466,
0.3093

59.2074, 0.3012,
0.3263

43.5271, 0.2362,
0.3045

63.4922, 0.3165,
0.3298

41.4091, 0.2275,
0.2996

68.1974, 0.3320,
0.3330

39.5777, 0.2207,
0.2946

73.3372, 0.3474,
0.3358

■ 38.0034, 0.2159,
0.2897

■ 75.0960, 0.3480,
0.3387

■ 36.6454, 0.2128,
0.2848

■ 76.6014, 0.3475,
0.3416

■ 36.3254, 0.2121,
0.2836

■ 78.1332, 0.3470,
0.3445

■ 79.6917, 0.3464,
0.3474

Harmonies

Analogous

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



51.8359, 0.2840, 0.3397



51.8359, 0.2719, 0.3184



51.8359, 0.2703, 0.3011

Triad

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



51.8359, 0.2719, 0.3184



51.8359, 0.3204, 0.3020



51.8359, 0.3463, 0.3669

Complementary

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



51.8359, 0.2719, 0.3184



39.9268, 0.3694, 0.3393

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.



51.8359, 0.3569, 0.3550



51.8359, 0.2719, 0.3184



51.8359, 0.3417, 0.3180

Square

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



51.8359, 0.2719, 0.3184



51.8359, 0.2976, 0.2925



51.8359, 0.3553, 0.3371



51.8359, 0.3268, 0.3685

Rectangle

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



51.8359, 0.2719, 0.3184



51.8359, 0.2753, 0.2940



51.8359, 0.3553, 0.3371



51.8359, 0.3511, 0.3639

Sweetspot

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



51.8380, 0.2719, 0.3184



94.5213, 0.3003, 0.3261



53.5648, 0.3041, 0.3969



20.0212, 0.2980, 0.3256



0.0000, 0.0000, 0.0000



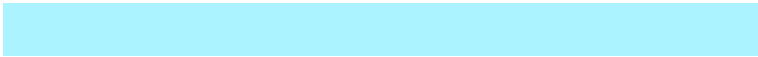
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8380, 0.2719, 0.3184



80.0773, 0.2639, 0.3158



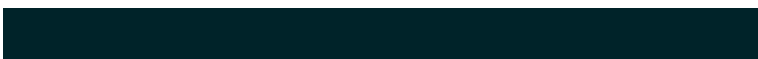
40.0836, 0.2681, 0.2799



13.1124, 0.2983, 0.3257



22.9928, 0.2123, 0.2842



1.3652, 0.2148, 0.2932

Inverse Universe

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



39.2080, 0.3232, 0.2699



56.8119, 0.3258, 0.2572



50.6294, 0.3603, 0.3736



11.9793, 0.3159, 0.3092



10.3924, 0.3596, 0.1754



0.5891, 0.3514, 0.1710

Previews

White Background



This preview shows how the Yxy color 51.8359, 0.2719, 0.3184 looks on a white background.

Color Contrast Check

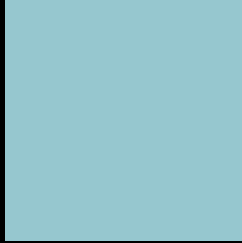
Large Text (above 18pt) WCAG AA × Fail

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 51.8359, 0.2719, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

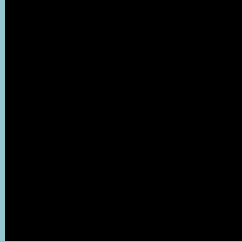
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

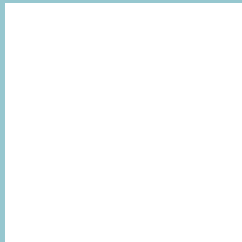
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8359, 0.2719, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 51.8359, 0.2719, 0.3184.



This preview shows how white text looks on a background with the Yxy color 51.8359, 0.2719, 0.3184.

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

51.8359, 0.2719, 0.3184

Protanopia

51.5594, 0.3045, 0.3142

Deuteranopia

51.4932, 0.3051, 0.2991



Tritanopia

51.9186, 0.2688, 0.3082

Trichromacy



Original Color

51.8359, 0.2719, 0.3184

Protanomaly

51.5657, 0.2915, 0.3163

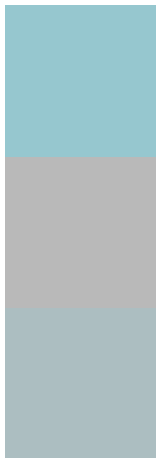
Deuteranomaly

51.2541, 0.2918, 0.3053

Tritanomaly

51.6706, 0.2700, 0.3120

Monochromacy



Original Color

51.8359, 0.2719, 0.3184

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4478, 0.2962, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8359, 0.2719, 0.3184 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(150, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(150, 199, 207)  
}
```

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(150, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 199, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.8359, 0.2719, 0.3184 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(150, 199, 207) }
```

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

```
.border{ border-color:rgb(150, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(150, 199,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8359, 0.2719, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 199, 207) }
```

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

```
.background{ background-color: rgb(150,  
199, 207) }
```

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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