

Converting Colors

$Yxy(51.5726, 0.2719, 0.3176)$

Have a look what the booklet for
Yxy(51.5726, 0.2719, 0.3176)
contains.

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Color

Yxy(51.3772, 0.2718, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	96C6CF
RGB	150, 198, 207
RGB Percent	59%, 78%, 81%
CMY	0.4116, 0.2235, 0.1884
CMYK	0.28, 0.04, 0.00, 0.19
HSL	189°, 37%, 70%
HSV	189°, 28%, 81%
XYZ	44.0376, 51.3772, 66.6073
YIQ	184.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

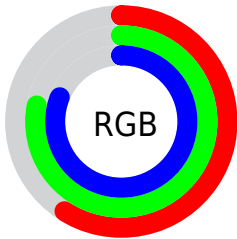
Format	Color
RYB	150, 176, 207
Decimal	9881295
CIELab	76.91, -13.56, -9.59
CIELCh	77, 16.612, 215.279
Yxy	51.3772, 0.2718, 0.3171
Android (android.graphics.Color)	4288071375 (0xFF96C6CF)
YUV	184.6740, 11.0067, -30.4091
Hunter-Lab	71.6779, -15.7691, -4.9212

Details

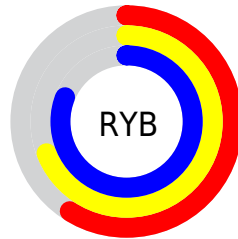
The Yxy color **51.3772, 0.2718, 0.3171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2686, 0.3690, 0.3405**, and the grayscale version is **48.2814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **24.7878, 0.2605, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **48.1098, 0.2584, 0.3121**, and if you desaturate by 10%, it is **55.0277, 0.2862, 0.3217**.

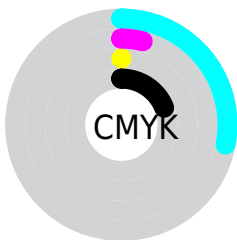
Distribution



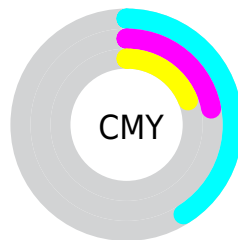
- Red (59%)
- Green (78%)
- Blue (81%)



- 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 51.3772, 0.2718, 0.3171 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 51.3772, 0.2718, 0.3171 by changing the saturation by 10% instead.

■ 51.3772, 0.2718,
0.3171

■ 51.3772, 0.2718,
0.3171

392.0275, 0.2917,
0.3233

■ 36.5089, 0.2670,
0.3155

■ 92.2121, 0.2789,
0.3194

■ 24.8275, 0.2610,
0.3134

■ 118.9475, 0.2816,
0.3202

■ 15.9486, 0.2531,
0.3107

150.4073, 0.2839,
0.3209

■ 9.4878, 0.2425,
0.3067

186.9760, 0.2859,
0.3215

■ 5.0607, 0.2274,
0.3006

229.0380, 0.2876,
0.3221

■ 2.2829, 0.2042,
0.2904

276.9777, 0.2891,

■ 0.7646, 0.1428,

0.3225

0.2760

331.1794, 0.2905,
0.3229

0.0000, 0.0000,
0.0000

51.3772, 0.2718,
0.3171

51.3772, 0.2718,
0.3171

48.1098, 0.2584,
0.3121

55.0277, 0.2862,
0.3217

45.2009, 0.2462,
0.3069

59.0721, 0.3012,
0.3260

42.6323, 0.2355,
0.3014

63.5286, 0.3166,
0.3299

40.3819, 0.2266,
0.2959

68.4121, 0.3320,
0.3335

38.4244, 0.2196,
0.2902

73.7371, 0.3473,
0.3366

■ 36.7304, 0.2145,
0.2846

■ 75.6851, 0.3478,
0.3399

■ 35.2589, 0.2112,
0.2790

■ 77.3896, 0.3472,
0.3432

■ 34.9089, 0.2105,
0.2777

■ 79.1276, 0.3466,
0.3464

■ 80.8992, 0.3460,
0.3496

Harmonies

Analogous

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



51.3772, 0.2831, 0.3381



51.3772, 0.2718, 0.3171



51.3772, 0.2710, 0.3005

Triad

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



51.3772, 0.2718, 0.3171



51.3772, 0.3219, 0.3031



51.3772, 0.3448, 0.3670

Complementary

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



51.3772, 0.2718, 0.3171



40.2686, 0.3690, 0.3405

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.



51.3772, 0.3562, 0.3559



51.3772, 0.2718, 0.3171



51.3772, 0.3427, 0.3194

Square

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



51.3772, 0.2718, 0.3171



51.3772, 0.2993, 0.2933



51.3772, 0.3554, 0.3384



51.3772, 0.3251, 0.3678

Rectangle

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



51.3772, 0.2718, 0.3171



51.3772, 0.2764, 0.2938



51.3772, 0.3554, 0.3384



51.3772, 0.3498, 0.3643

Sweetspot

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



51.3793, 0.2718, 0.3171



94.2995, 0.3003, 0.3258



53.5888, 0.3034, 0.3955



19.9649, 0.2980, 0.3252



0.0000, 0.0000, 0.0000



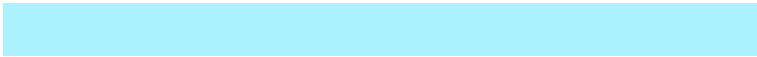
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3793, 0.2718, 0.3171



79.2077, 0.2637, 0.3142



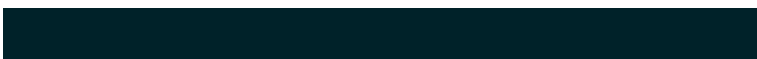
39.7311, 0.2680, 0.2786



13.0764, 0.2983, 0.3252



22.1160, 0.2107, 0.2784



1.3239, 0.2135, 0.2886

Inverse Universe

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



39.1667, 0.3241, 0.2710



56.7241, 0.3270, 0.2585



51.0257, 0.3599, 0.3747



11.9757, 0.3161, 0.3096



10.3039, 0.3649, 0.1784



0.5849, 0.3556, 0.1732

Previews

White Background



This preview shows how the Yxy color 51.3772, 0.2718, 0.3171 looks on a white background.

Color Contrast Check

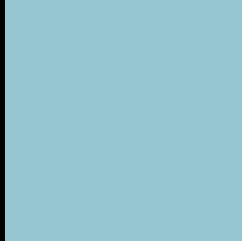
Large Text (above 18pt) WCAG AA × Fail

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 51.3772, 0.2718, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

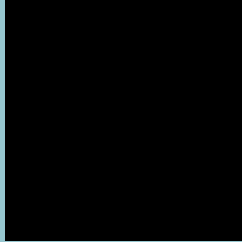
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

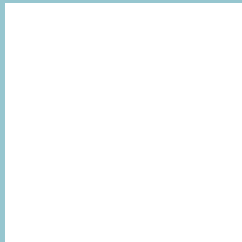
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3772, 0.2718, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 51.3772, 0.2718, 0.3171.



This preview shows how white text looks on a background with the Yxy color 51.3772, 0.2718, 0.3171.

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

51.3772, 0.2718, 0.3171

Protanopia

51.0023, 0.3037, 0.3129

Deuteranopia

50.9399, 0.3043, 0.2978



Tritanopia

51.3159, 0.2686, 0.3081

Trichromacy



Original Color

51.3772, 0.2718, 0.3171

Protanomaly

51.1250, 0.2915, 0.3150

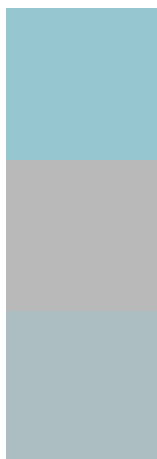
Deuteranomaly

50.8224, 0.2917, 0.3041

Tritanomaly

51.2150, 0.2698, 0.3106

Monochromacy



Original Color

51.3772, 0.2718, 0.3171

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 51.3772, 0.2718, 0.3171 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, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(150, 198, 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, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 198, 207) }
```

Border

The CSS property to change the border of an element to Yxy 51.3772, 0.2718, 0.3171 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, 198, 207) }
```

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

```
.border{ border-color:rgb(150, 198, 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, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(150, 198,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3772, 0.2718, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 198, 207) }
```

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

```
.background{ background-color: rgb(150,  
198, 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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