

Converting Colors

Yxy(51.8382, 0.2707, 0.3173)

Have a look what the booklet for
Yxy(51.8382, 0.2707, 0.3173)
contains.

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Color

Yxy(51.7905, 0.2706, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	95C7D0
RGB	149, 199, 208
RGB Percent	58%, 78%, 82%
CMY	0.4159, 0.2196, 0.1843
CMYK	0.28, 0.04, 0.00, 0.18
HSL	189°, 39%, 70%
HSV	189°, 28%, 82%
XYZ	44.1959, 51.7905, 67.3391
YIQ	185.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

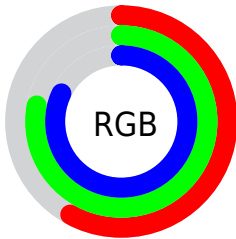
Format	Color
RYB	149, 176, 208
Decimal	9816016
CIELab	77.16, -14.17, -9.79
CIELCh	77, 17.220, 214.630
Yxy	51.7905, 0.2706, 0.3171
Android (android.graphics.Color)	4288006096 (0xFF95C7D0)
YUV	185.0760, 11.3015, -31.6387
Hunter-Lab	71.9656, -16.3186, -5.1024

Details

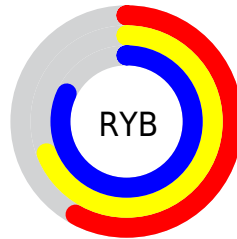
The Yxy color **51.7905, 0.2706, 0.3171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.0097, 0.3715, 0.3405**, and the grayscale version is **48.5057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **25.0707, 0.2592, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **48.5673, 0.2573, 0.3123**, and if you desaturate by 10%, it is **55.3975, 0.2849, 0.3216**.

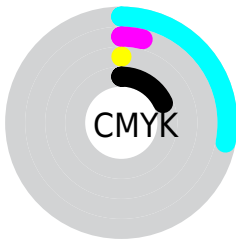
Distribution



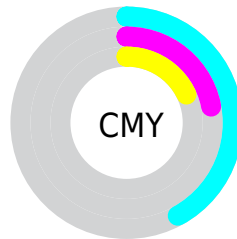
- Red (58%)
- Green (78%)
- Blue (82%)



- Red (58%)
- Yellow (69%)
- Blue (82%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)




- Cyan (42%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7905, 0.2706, 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 51.7905, 0.2706, 0.3171 by changing the saturation by 10% instead.


 51.7905, 0.2706,
0.3171


 51.7905, 0.2706,
0.3171


393.6273, 0.2910,
0.3233

 36.8381, 0.2657,
0.3155


 92.8222, 0.2779,
0.3194

 25.0822, 0.2595,
0.3134


 119.6703, 0.2806,
0.3202

 16.1383, 0.2515,
0.3106


151.2524, 0.2830,
0.3209

 9.6221, 0.2407,
0.3067

187.9530, 0.2850,
0.3215

 5.1491, 0.2253,
0.3006

230.1563, 0.2868,
0.3221

 2.3350, 0.2018,
0.2904

278.2469, 0.2884,

 0.7921, 0.1418,

0.3225

0.2759

332.6091, 0.2898,
0.3229

0.0000, 0.0000,
0.0000

51.7905, 0.2706,
0.3171

51.7905, 0.2706,
0.3171

48.5673, 0.2573,
0.3123

55.3975, 0.2849,
0.3216

45.7028, 0.2453,
0.3072

59.3994, 0.2999,
0.3258

43.1787, 0.2349,
0.3019

63.8146, 0.3152,
0.3296

40.9721, 0.2262,
0.2966

68.6583, 0.3307,
0.3330

39.0573, 0.2194,
0.2911

73.9451, 0.3460,
0.3361

■ 37.4039, 0.2146,
0.2857

■ 75.9572, 0.3470,
0.3393

■ 35.9661, 0.2114,
0.2804

■ 77.6141, 0.3465,
0.3424

■ 35.7434, 0.2110,
0.2795

■ 79.3026, 0.3459,
0.3456

■ 81.0227, 0.3453,
0.3487

Harmonies

Analogous

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



51.7905, 0.2825, 0.3389



51.7905, 0.2706, 0.3171



51.7905, 0.2695, 0.2998

Triad

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



51.7905, 0.2706, 0.3171



51.7905, 0.3217, 0.3020



51.7905, 0.3463, 0.3681

Complementary

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



51.7905, 0.2706, 0.3171



40.0097, 0.3715, 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.



51.7905, 0.3578, 0.3564



51.7905, 0.2706, 0.3171



51.7905, 0.3434, 0.3186

Square

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



51.7905, 0.2706, 0.3171



51.7905, 0.2983, 0.2920



51.7905, 0.3567, 0.3383



51.7905, 0.3259, 0.3693

Rectangle

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



51.7905, 0.2706, 0.3171



51.7905, 0.2750, 0.2928



51.7905, 0.3567, 0.3383



51.7905, 0.3513, 0.3652

Sweetspot

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



51.7926, 0.2706, 0.3171



93.6967, 0.2988, 0.3255



53.9576, 0.3031, 0.3980



19.8478, 0.2965, 0.3249



0.0000, 0.0000, 0.0000



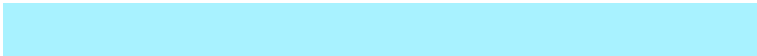
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7926, 0.2706, 0.3171



78.9689, 0.2625, 0.3142



39.5456, 0.2664, 0.2767



13.0878, 0.2983, 0.3254



22.3920, 0.2112, 0.2803



1.3369, 0.2139, 0.2901

Inverse Universe

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



39.0137, 0.3242, 0.2687



55.7755, 0.3271, 0.2559



51.2595, 0.3617, 0.3762



11.9769, 0.3161, 0.3095



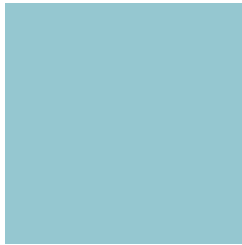
10.3318, 0.3632, 0.1774



0.5863, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 51.7905, 0.2706, 0.3171 looks on a white background.

Color Contrast Check

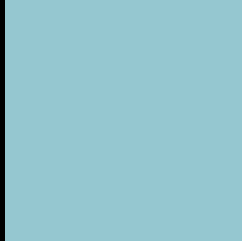
Large Text (above 18pt) WCAG AA × Fail

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 51.7905, 0.2706, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

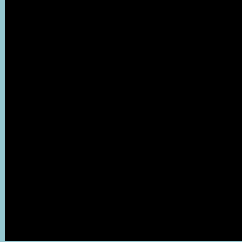
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

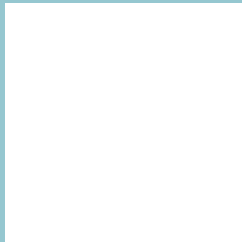
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7905, 0.2706, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 51.7905, 0.2706, 0.3171.

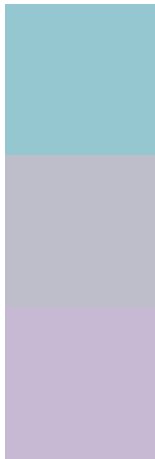


This preview shows how white text looks on a background with the Yxy color 51.7905, 0.2706, 0.3171.

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

51.7905, 0.2706, 0.3171

Protanopia

51.6066, 0.3038, 0.3130

Deuteranopia

51.5432, 0.3044, 0.2979



Tritanopia

51.7272, 0.2675, 0.3081

Trichromacy



Original Color

51.7905, 0.2706, 0.3171

Protanomaly

51.6135, 0.2908, 0.3150

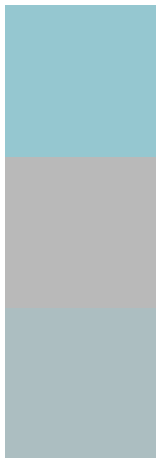
Deuteranomaly

51.3038, 0.2911, 0.3041

Tritanomaly

51.6257, 0.2687, 0.3107

Monochromacy



Original Color

51.7905, 0.2706, 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 51.7905, 0.2706, 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(149, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 199, 208)  
}
```

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(149, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 199, 208) }
```

Border

The CSS property to change the border of an element to Yxy 51.7905, 0.2706, 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(149, 199, 208) }
```

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

```
.border{ border-color:rgb(149, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 199,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7905, 0.2706, 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(149, 199, 208) }
```

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

```
.background{ background-color: rgb(149,  
199, 208) }
```

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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