

Converting Colors

$Yxy(55.8180, 0.2518, 0.3177)$

Have a look what the booklet for
Yxy(55.8180, 0.2518, 0.3177)
contains.

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Color

Yxy(55.9140, 0.2519, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	7BD3DB
RGB	123, 211, 219
RGB Percent	48%, 83%, 86%
CMY	0.5177, 0.1725, 0.1410
CMYK	0.44, 0.04, 0.00, 0.14
HSL	185°, 57%, 67%
HSV	185°, 44%, 86%
XYZ	44.2499, 55.9140, 75.5006
YIQ	185.6000, -55.0160, -16.1680

Conversions

Conversions Part 2

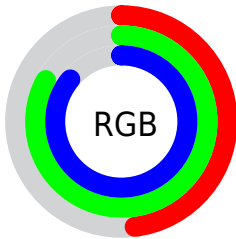
Format	Color
RYB	123, 169, 219
Decimal	8115163
CIELab	79.56, -24.40, -12.25
CIELCh	80, 27.302, 206.671
Yxy	55.9140, 0.2519, 0.3183
Android (android.graphics.Color)	4286305243 (0xFF7BD3DB)
YUV	185.6000, 16.4662, -54.9002
Hunter-Lab	74.7757, -25.2267, -7.5218

Details

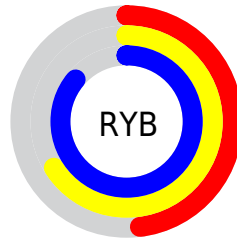
The Yxy color **55.9140, 0.2519, 0.3183** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.7308, 0.4238, 0.3390**, and the grayscale version is **48.7965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **27.5811, 0.2368, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **53.5730, 0.2415, 0.3155**, and if you desaturate by 10%, it is **58.6310, 0.2639, 0.3210**.

Distribution



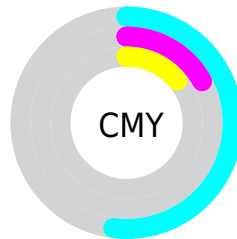
- Red (48%)
- Green (83%)
- Blue (86%)



- Red (48%)
- Yellow (66%)
- Blue (86%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)





- Cyan (52%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9140, 0.2519, 0.3183 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 55.9140, 0.2519, 0.3183 by changing the saturation by 10% instead.


 55.9140, 0.2519,
0.3183

 55.9140, 0.2519,
0.3183


409.3673, 0.2808,
0.3242

 40.1340, 0.2452,
0.3167


 98.8788, 0.2620,
0.3205

 27.6430, 0.2368,
0.3146


 126.8324, 0.2659,
0.3213

 18.0567, 0.2260,
0.3118


 159.6127, 0.2693,
0.3220

 10.9907, 0.2118,
0.3076

197.6039, 0.2722,
0.3226

 6.0606, 0.1923,
0.3012

241.1906, 0.2747,
0.3231

 2.8820, 0.1640,
0.2902

290.7572, 0.2770,

 1.0704, 0.1050,

0.3235

0.2735

346.6879, 0.2790,
0.3238

0.0000, 0.0000,
0.0000

55.9140, 0.2519,
0.3183

55.9140, 0.2519,
0.3183

53.5730, 0.2415,
0.3155

58.6310, 0.2639,
0.3210

51.5772, 0.2329,
0.3126

61.7397, 0.2772,
0.3236

49.9011, 0.2262,
0.3098

65.2626, 0.2916,
0.3260

48.5132, 0.2215,
0.3069

69.2188, 0.3067,
0.3282

47.3749, 0.2185,
0.3040

73.6259, 0.3223,
0.3302

■ 46.7599, 0.2173,
0.3023

■ 78.5008, 0.3381,
0.3321

■ 79.5920, 0.3383,
0.3339

■ 80.5807, 0.3380,
0.3357

■ 81.5799, 0.3377,
0.3375

Harmonies

Analogous

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



55.9140, 0.2733, 0.3531



55.9140, 0.2519, 0.3183



55.9140, 0.2460, 0.2893

Triad

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



55.9140, 0.2519, 0.3183



55.9140, 0.3164, 0.2832



55.9140, 0.3706, 0.3854

Complementary

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



55.9140, 0.2519, 0.3183



32.7308, 0.4238, 0.3390

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.



55.9140, 0.3842, 0.3630



55.9140, 0.2519, 0.3183



55.9140, 0.3520, 0.3056

Square

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



55.9140, 0.2519, 0.3183



55.9140, 0.2816, 0.2713



55.9140, 0.3774, 0.3341



55.9140, 0.3416, 0.3935

Rectangle

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



55.9140, 0.2519, 0.3183



55.9140, 0.2512, 0.2768



55.9140, 0.3774, 0.3341



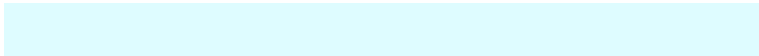
55.9140, 0.3772, 0.3792

Sweetspot

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



55.9162, 0.2519, 0.3183



92.4903, 0.2927, 0.3261



56.5287, 0.3020, 0.4539



19.5466, 0.2894, 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.



55.9162, 0.2519, 0.3183



75.7238, 0.2419, 0.3156



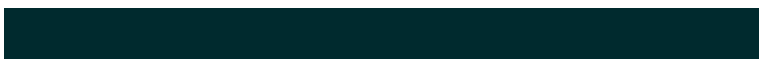
35.5215, 0.2404, 0.2507



14.6336, 0.2982, 0.3270



27.7955, 0.2174, 0.3028



1.8568, 0.2187, 0.3074

Inverse Universe

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



33.9300, 0.3255, 0.2298



41.1704, 0.3288, 0.2108



48.7400, 0.3970, 0.3955



13.2551, 0.3151, 0.3079



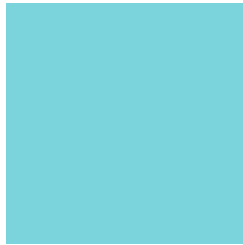
11.4297, 0.3430, 0.1663



0.7461, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 55.9140, 0.2519, 0.3183 looks on a white background.

Color Contrast Check

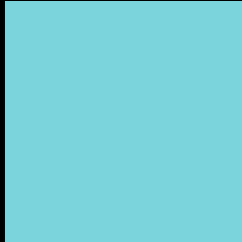
Large Text (above 18pt) WCAG AA × Fail

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 55.9140, 0.2519, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

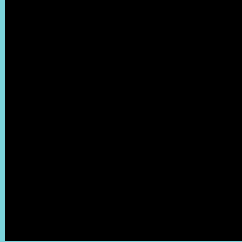
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9140, 0.2519, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 55.9140, 0.2519, 0.3183.

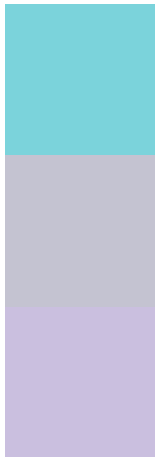


This preview shows how white text looks on a background with the Yxy color 55.9140, 0.2519, 0.3183.

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

55.9140, 0.2519, 0.3183

Protanopia

55.3694, 0.3033, 0.3122

Deuteranopia

55.1459, 0.2980, 0.2919



Tritanopia

55.9992, 0.2487, 0.3069

Trichromacy



Original Color

55.9140, 0.2519, 0.3183

Protanomaly

55.0124, 0.2811, 0.3139

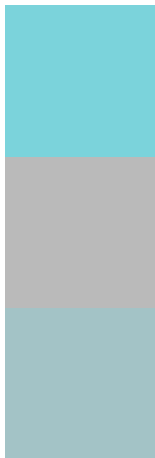
Deuteranomaly

54.5463, 0.2779, 0.2995

Tritanomaly

55.7601, 0.2497, 0.3106

Monochromacy



Original Color

55.9140, 0.2519, 0.3183

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.8940, 0.2862, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9140, 0.2519, 0.3183 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(123, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(123, 211, 219)  
}
```

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(123, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 211, 219) }
```

Border

The CSS property to change the border of an element to Yxy 55.9140, 0.2519, 0.3183 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(123, 211, 219) }
```

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

```
.border{ border-color:rgb(123, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(123, 211,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9140, 0.2519, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 211, 219) }
```

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

```
.background{ background-color: rgb(123,  
211, 219) }
```

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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