

Converting Colors

$Yxy(55.1538, 0.2822, 0.3598)$

Have a look what the booklet for
Yxy(55.1538, 0.2822, 0.3598)
contains.

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Color

Yxy(55.0754, 0.2820, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	90D1BA
RGB	144, 209, 186
RGB Percent	56%, 82%, 73%
CMY	0.4356, 0.1803, 0.2707
CMYK	0.31, 0.00, 0.11, 0.18
HSL	159°, 41%, 69%
HSV	159°, 31%, 82%
XYZ	43.1544, 55.0754, 54.7999
YIQ	186.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

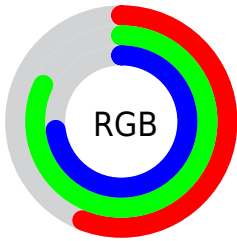
Format	Color
RYB	144, 183, 209
Decimal	9490874
CIELab	79.08, -25.55, 4.85
CIElCh	79, 26.009, 169.250
Yxy	55.0754, 0.2820, 0.3599
Android (android.graphics.Color)	4287680954 (0xFF90D1BA)
YUV	186.9430, -0.4649, -37.6610
Hunter-Lab	74.2128, -26.0755, 8.1683

Details

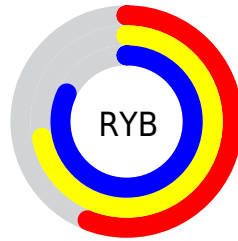
The Yxy color **55.0754, 0.2820, 0.3599** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2730, 0.3580, 0.3003**, and the grayscale version is **49.6689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0729, 0.2866, 0.3427**, and **27.0288, 0.2736, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **53.0611, 0.2737, 0.3717**, and if you desaturate by 10%, it is **57.4588, 0.2913, 0.3490**.

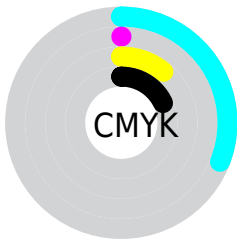
Distribution



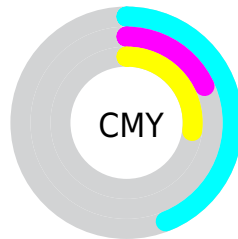
- Red (56%)
- Green (82%)
- Blue (73%)



- Red (56%)
- Yellow (72%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)





- Cyan (44%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0754, 0.2820, 0.3599 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 55.0754, 0.2820, 0.3599 by changing the saturation by 10% instead.


 55.0754, 0.2820,
0.3599


 55.0754, 0.2820,
0.3599

406.1977, 0.2971,
0.3446

 39.4621, 0.2783,
0.3637


 97.6514, 0.2874,
0.3544

 27.1194, 0.2737,
0.3685


 125.3829, 0.2894,
0.3523

 17.6629, 0.2676,
0.3749


157.9226, 0.2912,
0.3505

 10.7082, 0.2592,
0.3838

195.6549, 0.2927,
0.3490

 5.8710, 0.2471,
0.3968

238.9641, 0.2940,
0.3477

 2.7668, 0.2280,
0.4179

288.2347, 0.2951,

 1.0112, 0.1582,

0.3465

0.4817

343.8511, 0.2962,
0.3455

0.0000, 0.0000,
0.0000

55.0754, 0.2820,
0.3599

55.0754, 0.2820,
0.3599

53.0611, 0.2737,
0.3717

57.4588, 0.2913,
0.3490

51.3897, 0.2667,
0.3843

60.2227, 0.3012,
0.3390

50.0421, 0.2613,
0.3975

63.3861, 0.3115,
0.3300


48.9944, 0.2578,
0.4111

66.9647, 0.3220,
0.3219


48.2194, 0.2562,
0.4248

70.9735, 0.3325,
0.3147

 47.6845, 0.2567,
0.4384

 72.6039, 0.3321,
0.3076

 47.3604, 0.2584,
0.4502

 73.0294, 0.3268,
0.3004

 73.4726, 0.3216,
0.2933

 73.9340, 0.3165,
0.2864

Harmonies

Analogous

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



55.0754, 0.3148, 0.3840



55.0754, 0.2820, 0.3599



55.0754, 0.2582, 0.3270

Triad

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



55.0754, 0.2820, 0.3599



55.0754, 0.2759, 0.2727



55.0754, 0.3814, 0.3552

Complementary

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



55.0754, 0.2820, 0.3599



36.2730, 0.3580, 0.3003

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.



55.0754, 0.3700, 0.3270



55.0754, 0.2820, 0.3599



55.0754, 0.3076, 0.2811

Square

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



55.0754, 0.2820, 0.3599



55.0754, 0.2549, 0.2779



55.0754, 0.3424, 0.3005



55.0754, 0.3730, 0.3789

Rectangle

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



55.0754, 0.2820, 0.3599



55.0754, 0.2500, 0.3060



55.0754, 0.3424, 0.3005



55.0754, 0.3797, 0.3460

Sweetspot

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



55.0777, 0.2820, 0.3599



95.3920, 0.3033, 0.3371



55.9242, 0.3262, 0.4152



20.2690, 0.3018, 0.3385



0.0000, 0.0000, 0.0000



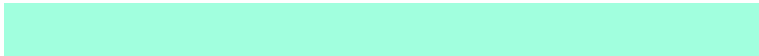
21.4041, 0.3127, 0.3290

Same Dimension

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



55.0777, 0.2820, 0.3599



84.3136, 0.2767, 0.3672



51.9940, 0.2670, 0.3174



13.3331, 0.3030, 0.3374



29.2146, 0.2579, 0.4483



1.6483, 0.2510, 0.4237

Inverse Universe

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



36.2730, 0.3580, 0.3003



50.5246, 0.3709, 0.2943



38.2248, 0.3796, 0.3402



11.8764, 0.3236, 0.3208



8.6795, 0.5545, 0.2828



0.5002, 0.5033, 0.2546

Previews

White Background



This preview shows how the Yxy color 55.0754, 0.2820, 0.3599 looks on a white background.

Color Contrast Check

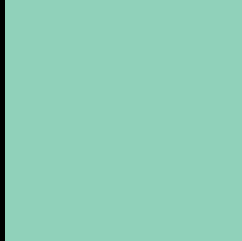
Large Text (above 18pt) WCAG AA × Fail

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 55.0754, 0.2820, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

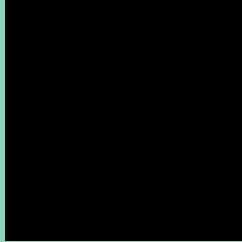
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

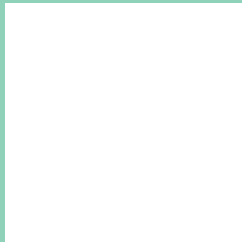
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0754, 0.2820, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 55.0754, 0.2820, 0.3599.



This preview shows how white text looks on a background with the Yxy color 55.0754, 0.2820, 0.3599.

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

55.0754, 0.2820, 0.3599

Protanopia

54.4944, 0.3323, 0.3485

Deuteranopia

54.7118, 0.3345, 0.3279



Tritanopia

54.9323, 0.2655, 0.3086

Trichromacy



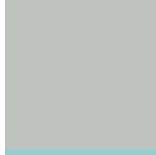
Original Color

55.0754, 0.2820, 0.3599



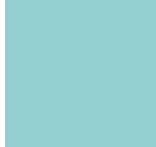
Protanomaly

54.1281, 0.3124, 0.3519



Deuteranomaly

54.1011, 0.3131, 0.3377



Tritanomaly

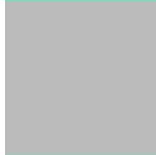
54.9926, 0.2710, 0.3263

Monochromacy



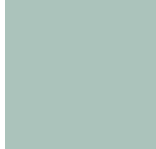
Original Color

55.0754, 0.2820, 0.3599



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.2760, 0.2997, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0754, 0.2820, 0.3599 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(144, 209, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 209, 186)  
}
```

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(144, 209, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 209, 186) }
```

Border

The CSS property to change the border of an element to Yxy 55.0754, 0.2820, 0.3599 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(144, 209, 186) }
```

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

```
.border{ border-color:rgb(144, 209, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 209, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 209, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 209, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 209,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0754, 0.2820, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 209, 186) }
```

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

```
.background{ background-color: rgb(144,  
209, 186) }
```

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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