

Converting Colors

$Y_{xy}(49.6930, 0.2845, 0.3545)$

Have a look what the booklet for
Yxy(49.6930, 0.2845, 0.3545)
contains.

Yxy(49.5231, 0.2841, 0.3539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.5231, 0.2841, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	8FC6B4
RGB	143, 198, 180
RGB Percent	56%, 78%, 71%
CMY	0.4394, 0.2235, 0.2940
CMYK	0.28, 0.00, 0.09, 0.22
HSL	160°, 33%, 67%
HSV	160°, 28%, 78%
XYZ	39.7556, 49.5231, 50.6566
YIQ	179.5030, -27.0020, -17.2580

Conversions

Conversions Part 2

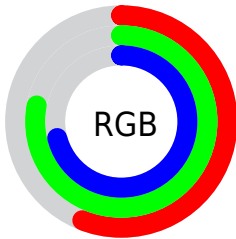
Format	Color
RYB	143, 176, 198
Decimal	9422516
CIELab	75.78, -21.65, 3.26
CIELCh	76, 21.899, 171.436
Yxy	49.5231, 0.2841, 0.3539
Android (android.graphics.Color)	4287612596 (0xFF8FC6B4)
YUV	179.5030, 0.2450, -32.0131
Hunter-Lab	70.3727, -22.3121, 6.5819

Details

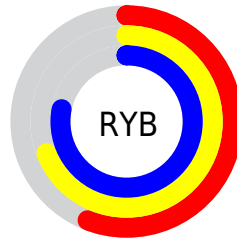
The Yxy color **49.5231, 0.2841, 0.3539** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.2090, 0.3531, 0.3056**, and the grayscale version is **45.3680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5819, 0.2892, 0.3492**, and **23.7030, 0.2765, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **47.6543, 0.2752, 0.3644**, and if you desaturate by 10%, it is **51.7202, 0.2939, 0.3442**.

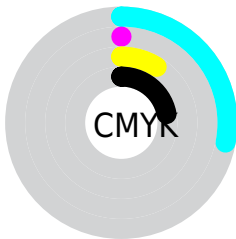
Distribution



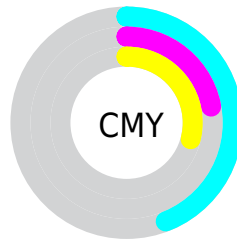
- Red (56%)
- Green (78%)
- Blue (71%)



- Red (56%)
- Yellow (69%)
- Blue (78%)



- Cyan (28%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (44%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5231, 0.2841, 0.3539 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 49.5231, 0.2841, 0.3539 by changing the saturation by 10% instead.


 49.5231, 0.2841,
0.3539


 49.5231, 0.2841,
0.3539


384.7980, 0.2983,
0.3414

 35.0346, 0.2806,
0.3570


 89.4679, 0.2893,
0.3493

 23.6895, 0.2761,
0.3611


 115.6930, 0.2912,
0.3476

 15.1035, 0.2701,
0.3665


146.5990, 0.2928,
0.3462

 8.8920, 0.2617,
0.3740

182.5705, 0.2942,
0.3450

 4.6708, 0.2494,
0.3854

223.9917, 0.2955,
0.3439

 2.0555, 0.2294,
0.4044

271.2471, 0.2965,

 0.6394, 0.0667,

0.3430

0.5388

324.7211, 0.2975,
0.3421

0.0000, 0.0000,
0.0000

49.5231, 0.2841,
0.3539

49.5231, 0.2841,
0.3539

47.6543, 0.2752,
0.3644

51.7202, 0.2939,
0.3442

46.0910, 0.2675,
0.3757

54.2547, 0.3043,
0.3353

44.8173, 0.2613,
0.3876


57.1432, 0.3151,
0.3273

43.8131, 0.2568,
0.3999


60.3991, 0.3260,
0.3202


43.0558, 0.2543,
0.4124


64.0353, 0.3369,
0.3138


 42.5189, 0.2538,
0.4249


 66.7592, 0.3422,
0.3079

 42.1636, 0.2551,
0.4372

 67.1062, 0.3372,
0.3014

 42.0960, 0.2555,
0.4399

 67.4666, 0.3323,
0.2951

 67.8406, 0.3274,
0.2889

Harmonies

Analogous

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



49.5231, 0.3126, 0.3755



49.5231, 0.2841, 0.3539



49.5231, 0.2639, 0.3254

Triad

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



49.5231, 0.2841, 0.3539



49.5231, 0.2823, 0.2797



49.5231, 0.3726, 0.3540

Complementary

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



49.5231, 0.2841, 0.3539



34.2090, 0.3531, 0.3056

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.



49.5231, 0.3639, 0.3293



49.5231, 0.2841, 0.3539



49.5231, 0.3106, 0.2878

Square

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



49.5231, 0.2841, 0.3539



49.5231, 0.2629, 0.2835



49.5231, 0.3408, 0.3055



49.5231, 0.3643, 0.3739

Rectangle

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



49.5231, 0.2841, 0.3539



49.5231, 0.2573, 0.3074



49.5231, 0.3408, 0.3055



49.5231, 0.3716, 0.3460

Sweetspot

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



49.5251, 0.2841, 0.3539



95.9124, 0.3040, 0.3356



49.9840, 0.3234, 0.4050



20.3746, 0.3024, 0.3369



0.0000, 0.0000, 0.0000



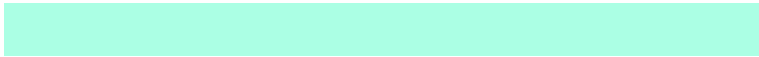
21.4041, 0.3127, 0.3290

Same Dimension

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



49.5251, 0.2841, 0.3539



85.7354, 0.2789, 0.3598



46.2374, 0.2714, 0.3163



12.0063, 0.3027, 0.3367



27.3888, 0.2551, 0.4382



1.3098, 0.2479, 0.4126

Inverse Universe

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



34.2090, 0.3531, 0.3056



54.4220, 0.3645, 0.3005



36.4874, 0.3694, 0.3413



10.6931, 0.3239, 0.3215



8.0676, 0.5642, 0.2882



0.3954, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 49.5231, 0.2841, 0.3539 looks on a white background.

Color Contrast Check

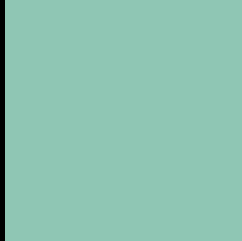
Large Text (above 18pt) WCAG AA × Fail

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 49.5231, 0.2841, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

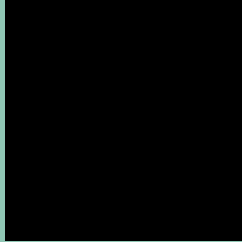
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

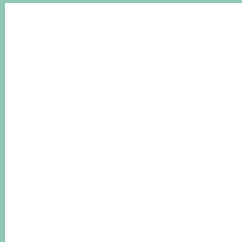
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5231, 0.2841, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 49.5231, 0.2841, 0.3539.



This preview shows how white text looks on a background with the Yxy color 49.5231, 0.2841, 0.3539.

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

49.5231, 0.2841, 0.3539

Protanopia

48.9215, 0.3282, 0.3443

Deuteranopia

49.0823, 0.3312, 0.3242



Tritanopia

49.5766, 0.2693, 0.3091

Trichromacy



Original Color

49.5231, 0.2841, 0.3539

Protanomaly

48.9602, 0.3102, 0.3475

Deuteranomaly

48.9046, 0.3116, 0.3342

Tritanomaly

49.3105, 0.2750, 0.3248

Monochromacy



Original Color

49.5231, 0.2841, 0.3539

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

46.4795, 0.3016, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5231, 0.2841, 0.3539 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(143, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(143, 198, 180)  
}
```

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(143, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.5231, 0.2841, 0.3539 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(143, 198, 180) }
```

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

```
.border{ border-color:rgb(143, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5231, 0.2841, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 180) }
```

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

```
.background{ background-color: rgb(143,  
198, 180) }
```

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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