

Converting Colors

Yxy(53.4511, 0.2796, 0.3195)

Have a look what the booklet for
Yxy(53.4511, 0.2796, 0.3195)
contains.

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Color

Yxy(53.4949, 0.2800, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	A2C8CF
RGB	162, 200, 207
RGB Percent	64%, 78%, 81%
CMY	0.3646, 0.2157, 0.1881
CMYK	0.22, 0.03, 0.00, 0.19
HSL	189°, 32%, 72%
HSV	189°, 22%, 81%
XYZ	46.8227, 53.4949, 66.9063
YIQ	189.4360, -24.8950, -5.8790

Conversions

Conversions Part 2

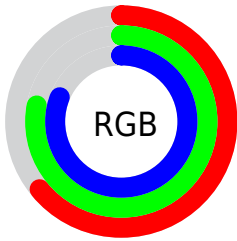
Format	Color
RYB	162, 183, 207
Decimal	10668239
CIELab	78.17, -11.00, -7.68
CIElCh	78, 13.413, 214.913
Yxy	53.4949, 0.2800, 0.3199
Android (android.graphics.Color)	4288858319 (0xFFA2C8CF)
YUV	189.4360, 8.6591, -24.0614
Hunter-Lab	73.1402, -13.7238, -3.0384

Details

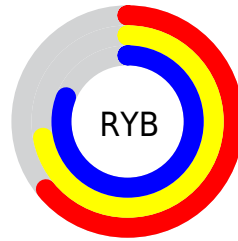
The Yxy color **53.4949, 0.2800, 0.3199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2748, 0.3546, 0.3379**, and the grayscale version is **51.1157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **26.1089, 0.2709, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **50.0217, 0.2660, 0.3152**, and if you desaturate by 10%, it is **57.3611, 0.2948, 0.3243**.

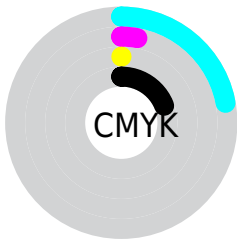
Distribution



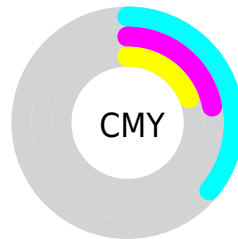
- Red (64%)
- Green (78%)
- Blue (81%)



- Red (64%)
- Yellow (72%)
- Blue (81%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)




- Cyan (36%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4949, 0.2800, 0.3199 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 53.4949, 0.2800, 0.3199 by changing the saturation by 10% instead.


 53.4949, 0.2800,
0.3199

 53.4949, 0.2800,
0.3199


400.1810, 0.2958,
0.3245

 38.1980, 0.2762,
0.3187


 95.3322, 0.2856,
0.3216

 26.1364, 0.2714,
0.3172


 122.6414, 0.2878,
0.3222

 16.9257, 0.2652,
0.3151


154.7235, 0.2896,
0.3228

 10.1815, 0.2568,
0.3123

191.9628, 0.2912,
0.3232

 5.5195, 0.2448,
0.3079

234.7439, 0.2926,
0.3236

 2.5552, 0.2264,
0.3007

283.4510, 0.2938,

 0.9042, 0.1887,

0.3240

0.2889

338.4685, 0.2949,
0.3243

0.0000, 0.0000,
0.0000

53.4949, 0.2800,
0.3199

53.4949, 0.2800,
0.3199

50.0217, 0.2660,
0.3152

57.3611, 0.2948,
0.3243

46.9174, 0.2531,
0.3101

61.6301, 0.3100,
0.3283

44.1649, 0.2415,
0.3048

66.3197, 0.3255,
0.3320

41.7433, 0.2316,
0.2994

71.4444, 0.3409,
0.3353

39.6293, 0.2235,
0.2938

74.9647, 0.3481,
0.3384

■ 37.7960, 0.2173,
0.2882

■ 76.6401, 0.3475,
0.3417

■ 36.2114, 0.2130,
0.2827

■ 78.3483, 0.3469,
0.3449

■ 35.0432, 0.2106,
0.2781

■ 80.0896, 0.3463,
0.3481

■ 81.8640, 0.3457,
0.3513

Harmonies

Analogous

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



53.4949, 0.2893, 0.3365



53.4949, 0.2800, 0.3199



53.4949, 0.2792, 0.3065

Triad

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



53.4949, 0.2800, 0.3199



53.4949, 0.3199, 0.3081



53.4949, 0.3385, 0.3592

Complementary

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



53.4949, 0.2800, 0.3199



44.2748, 0.3546, 0.3379

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.



53.4949, 0.3473, 0.3505



53.4949, 0.2800, 0.3199



53.4949, 0.3364, 0.3212

Square

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



53.4949, 0.2800, 0.3199



53.4949, 0.3018, 0.3002



53.4949, 0.3466, 0.3365



53.4949, 0.3229, 0.3597

Rectangle

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



53.4949, 0.2800, 0.3199



53.4949, 0.2836, 0.3010



53.4949, 0.3466, 0.3365



53.4949, 0.3424, 0.3571

Sweetspot

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



53.4971, 0.2800, 0.3199



95.0039, 0.3018, 0.3262



55.1790, 0.3054, 0.3798



20.2459, 0.3009, 0.3260



0.0000, 0.0000, 0.0000



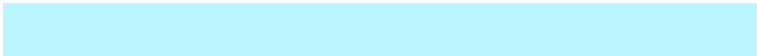
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4971, 0.2800, 0.3199



83.0888, 0.2735, 0.3178



43.9412, 0.2779, 0.2904



13.0793, 0.2983, 0.3253



22.1862, 0.2108, 0.2789



1.3272, 0.2136, 0.2890

Inverse Universe

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



43.2880, 0.3213, 0.2833



64.0970, 0.3234, 0.2735



53.2610, 0.3490, 0.3648



11.9760, 0.3161, 0.3096



10.3110, 0.3645, 0.1781



0.5853, 0.3552, 0.1731

Previews

White Background



This preview shows how the Yxy color 53.4949, 0.2800, 0.3199 looks on a white background.

Color Contrast Check

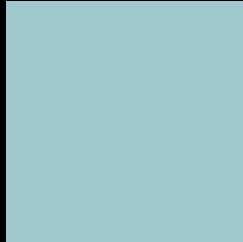
Large Text (above 18pt) WCAG AA × Fail

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 53.4949, 0.2800, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

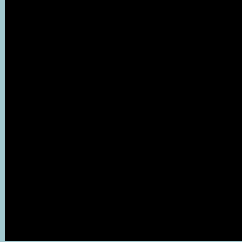
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

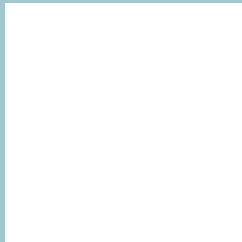
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4949, 0.2800, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 53.4949, 0.2800, 0.3199.



This preview shows how white text looks on a background with the Yxy color 53.4949, 0.2800, 0.3199.

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

53.4949, 0.2800, 0.3199

Protanopia

53.4329, 0.3069, 0.3168

Deuteranopia

53.0312, 0.3091, 0.3019



Tritanopia

53.6457, 0.2762, 0.3087

Trichromacy



Original Color

53.4949, 0.2800, 0.3199

Protanomaly

53.3349, 0.2961, 0.3178

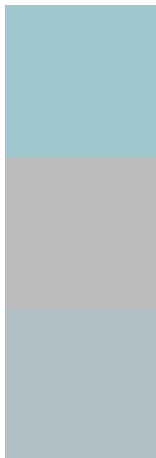
Deuteranomaly

53.1215, 0.2979, 0.3082

Tritanomaly

53.3868, 0.2774, 0.3124

Monochromacy



Original Color

53.4949, 0.2800, 0.3199

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7092, 0.2995, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4949, 0.2800, 0.3199 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(162, 200, 207)` looks like.

```
.text, #text, p{  
    color:rgb(162, 200, 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(162, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 200, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.4949, 0.2800, 0.3199 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(162, 200, 207) }
```

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

```
.border{ border-color:rgb(162, 200, 207) }
```

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

Here you see how a box with a 4 pixel rgb(162, 200, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(162, 200,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4949, 0.2800, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 200, 207) }
```

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

```
.background{ background-color: rgb(162,  
200, 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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