

Converting Colors

$Y_{xy}(53.2120, 0.2838, 0.3224)$

Have a look what the booklet for
Yxy(53.2120, 0.2838, 0.3224)
contains.

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Color

Yxy(53.2058, 0.2839, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	A5C7CC
RGB	165, 199, 204
RGB Percent	65%, 78%, 80%
CMY	0.3530, 0.2196, 0.1999
CMYK	0.19, 0.02, 0.00, 0.20
HSL	188°, 28%, 72%
HSV	188°, 19%, 80%
XYZ	46.8376, 53.2058, 64.9358
YIQ	189.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

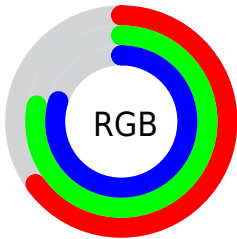
Format	Color
R _Y B	165, 183, 204
Decimal	10864588
CIE Lab	78.00, -10.22, -6.28
CIE LCh	78, 12.002, 211.574
Yxy	53.2058, 0.2839, 0.3225
Android (android.graphics.Color)	4289054668 (0xFFA5C7CC)
YUV	189.4040, 7.1958, -21.4023
Hunter-Lab	72.9423, -13.0309, -1.7224

Details

The Yxy color **53.2058, 0.2839, 0.3225** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.3003, 0.3488, 0.3354**, and the grayscale version is **51.0992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **25.8976, 0.2758, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **49.9984, 0.2698, 0.3187**, and if you desaturate by 10%, it is **56.7873, 0.2987, 0.3260**.

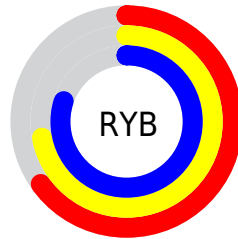
Distribution



Red (65%)

Green (78%)

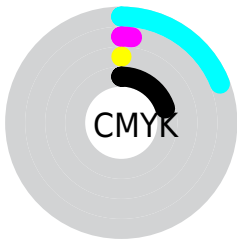
Blue (80%)



Red (65%)

Yellow (72%)

Blue (80%)

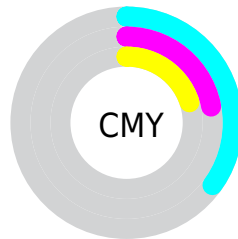


Cyan (19%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2058, 0.2839, 0.3225 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 53.2058, 0.2839, 0.3225 by changing the saturation by 10% instead.

■ 53.2058, 0.2839,
0.3225

■ 53.2058, 0.2839,
0.3225

■ 399.0742, 0.2979,
0.3258

■ 37.9671, 0.2805,
0.3216

■ 94.9071, 0.2889,
0.3237

■ 25.9571, 0.2763,
0.3205

■ 122.1385, 0.2908,
0.3242

■ 16.7916, 0.2708,
0.3190

■ 154.1363, 0.2924,
0.3246

■ 10.0860, 0.2633,
0.3169

■ 191.2848, 0.2938,
0.3249

■ 5.4560, 0.2525,
0.3137

■ 233.9685, 0.2950,
0.3252

■ 2.5172, 0.2359,
0.3084

■ 282.5716, 0.2961,

■ 0.8852, 0.2006,

0.3254

0.3001

337.4788, 0.2970,
0.3256

0.0000, 0.0000,
0.0000

53.2058, 0.2839,
0.3225

53.2058, 0.2839,
0.3225

49.9984, 0.2698,
0.3187

56.7873, 0.2987,
0.3260

47.1418, 0.2568,
0.3146

60.7517, 0.3141,
0.3293

44.6203, 0.2452,
0.3104

65.1159, 0.3296,
0.3322

42.4142, 0.2352,
0.3060

69.8937, 0.3450,
0.3348

40.5019, 0.2270,
0.3015

72.7530, 0.3511,
0.3374

■ 38.8584, 0.2207,
0.2970

■ 74.0727, 0.3506,
0.3400

■ 37.4547, 0.2163,
0.2925

■ 75.4137, 0.3500,
0.3427

■ 36.2417, 0.2135,
0.2881

■ 76.7761, 0.3495,
0.3453

■ 36.1399, 0.2133,
0.2877

■ 78.1601, 0.3490,
0.3479

Harmonies

Analogous

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



53.2058, 0.2930, 0.3374



53.2058, 0.2839, 0.3225



53.2058, 0.2823, 0.3099

Triad

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



53.2058, 0.2839, 0.3225



53.2058, 0.3174, 0.3091



53.2058, 0.3371, 0.3555

Complementary

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



53.2058, 0.2839, 0.3225



44.3003, 0.3488, 0.3354

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.



53.2058, 0.3441, 0.3471



53.2058, 0.2839, 0.3225



53.2058, 0.3325, 0.3206

Square

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



53.2058, 0.2839, 0.3225



53.2058, 0.3013, 0.3027



53.2058, 0.3424, 0.3343



53.2058, 0.3236, 0.3568

Rectangle

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



53.2058, 0.2839, 0.3225



53.2058, 0.2857, 0.3045



53.2058, 0.3424, 0.3343



53.2058, 0.3403, 0.3534

Sweetspot

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



53.2080, 0.2839, 0.3225



95.9671, 0.3034, 0.3271



54.0745, 0.3072, 0.3747



20.4500, 0.3024, 0.3268



0.0000, 0.0000, 0.0000



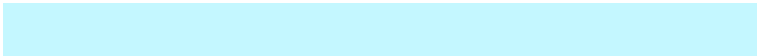
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2080, 0.2839, 0.3225



85.8166, 0.2779, 0.3209



44.9776, 0.2824, 0.2973



12.4719, 0.2983, 0.3259



22.8393, 0.2134, 0.2883



1.2485, 0.2158, 0.2970

Inverse Universe

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



43.8669, 0.3192, 0.2877



67.6428, 0.3208, 0.2785



51.9727, 0.3445, 0.3588



11.3780, 0.3157, 0.3090



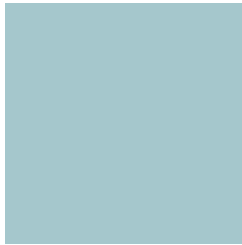
10.1086, 0.3559, 0.1734



0.5286, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 53.2058, 0.2839, 0.3225 looks on a white background.

Color Contrast Check

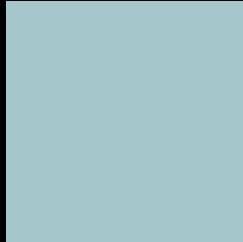
Large Text (above 18pt) WCAG AA × Fail

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 53.2058, 0.2839, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

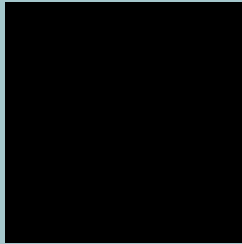
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

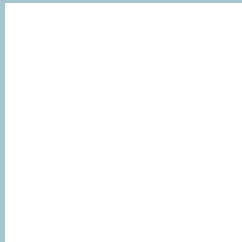
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2058, 0.2839, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 53.2058, 0.2839, 0.3225.



This preview shows how white text looks on a background with the Yxy color 53.2058, 0.2839, 0.3225.

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

53.2058, 0.2839, 0.3225

Protanopia

52.8545, 0.3091, 0.3192

Deuteranopia

52.9760, 0.3130, 0.3065



Tritanopia

53.4078, 0.2794, 0.3100

Trichromacy



Original Color

53.2058, 0.2839, 0.3225

Protanomaly

52.8679, 0.2990, 0.3202

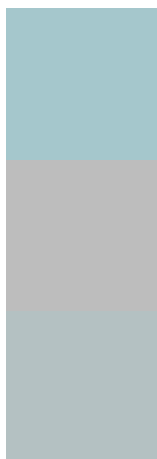
Deuteranomaly

52.6165, 0.3016, 0.3118

Tritanomaly

53.1483, 0.2807, 0.3137

Monochromacy



Original Color

53.2058, 0.2839, 0.3225

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7383, 0.3017, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2058, 0.2839, 0.3225 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(165, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(165, 199, 204)  
}
```

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(165, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 199, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.2058, 0.2839, 0.3225 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(165, 199, 204) }
```

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

```
.border{ border-color:rgb(165, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(165, 199,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2058, 0.2839, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 199, 204) }
```

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

```
.background{ background-color: rgb(165,  
199, 204) }
```

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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