

Converting Colors

Yxy(53.3862, 0.2846, 0.3175)

Have a look what the booklet for
Yxy(53.3862, 0.2846, 0.3175)
contains.

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Color

Yxy(53.3282, 0.2847, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	A9C6CF
RGB	169, 198, 207
RGB Percent	66%, 78%, 81%
CMY	0.3373, 0.2235, 0.1882
CMYK	0.18, 0.04, 0.00, 0.19
HSL	194°, 28%, 74%
HSV	194°, 18%, 81%
XYZ	47.8190, 53.3282, 66.8156
YIQ	190.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

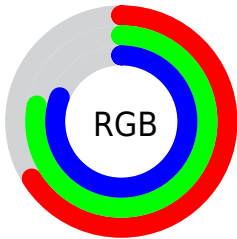
Format	Color
R _Y B	169, 185, 207
Decimal	11126479
CIE Lab	78.07, -7.80, -7.77
CIE LCh	78, 11.006, 224.900
Yxy	53.3282, 0.2847, 0.3175
Android (android.graphics.Color)	4289316559 (0xFFA9C6CF)
YUV	190.3550, 8.2060, -18.7283
Hunter-Lab	73.0262, -10.9103, -3.1293

Details

The Yxy color **53.3282, 0.2847, 0.3175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.9761, 0.3462, 0.3402**, and the grayscale version is **51.6692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **25.9594, 0.2768, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **49.0119, 0.2699, 0.3104**, and if you desaturate by 10%, it is **58.0841, 0.2999, 0.3240**.

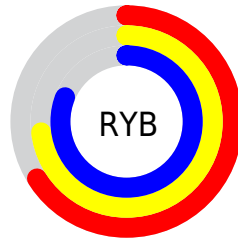
Distribution



Red (66%)

Green (78%)

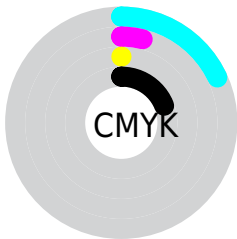
Blue (81%)



Red (66%)

Yellow (73%)

Blue (81%)

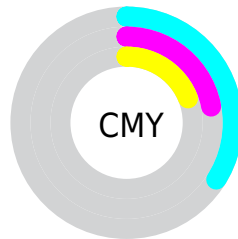


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (22%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3282, 0.2847, 0.3175 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 53.3282, 0.2847, 0.3175 by changing the saturation by 10% instead.

■ 53.3282, 0.2847,
0.3175

■ 53.3282, 0.2847,
0.3175

■ 399.5430, 0.2983,
0.3233

■ 38.0648, 0.2814,
0.3161

■ 95.0871, 0.2895,
0.3196

■ 26.0330, 0.2773,
0.3142

■ 122.3515, 0.2914,
0.3204

■ 16.8483, 0.2719,
0.3118

■ 154.3850, 0.2930,
0.3210

■ 10.1264, 0.2647,
0.3084

■ 191.5720, 0.2943,
0.3216

■ 5.4829, 0.2543,
0.3034

■ 234.2969, 0.2955,
0.3221

■ 2.5333, 0.2382,
0.2952

■ 282.9441, 0.2965,

■ 0.8932, 0.2072,

0.3225

0.2809

337.8980, 0.2975,
0.3229

0.0000, 0.0000,
0.0000

53.3282, 0.2847,
0.3175

53.3282, 0.2847,
0.3175

49.0119, 0.2699,
0.3104

58.0841, 0.2999,
0.3240

45.1108, 0.2559,
0.3028

63.2896, 0.3152,
0.3299

41.6082, 0.2430,
0.2947

68.9625, 0.3304,
0.3352

38.4832, 0.2315,
0.2863

75.1175, 0.3454,
0.3400

35.7129, 0.2216,
0.2776

78.2968, 0.3469,
0.3448

■ 33.2712, 0.2136,
0.2688

■ 80.9502, 0.3460,
0.3497

■ 31.1277, 0.2076,
0.2600

■ 83.6802, 0.3451,
0.3545

■ 29.2363, 0.2034,
0.2513

■ 86.4874, 0.3442,
0.3593

■ 28.9405, 0.2028,
0.2499

■ 89.3725, 0.3434,
0.3640

Harmonies

Analogous

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



53.3282, 0.2902, 0.3306



53.3282, 0.2847, 0.3175



53.3282, 0.2865, 0.3079

Triad

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



53.3282, 0.2847, 0.3175



53.3282, 0.3235, 0.3150



53.3282, 0.3301, 0.3547

Complementary

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



53.3282, 0.2847, 0.3175



47.9761, 0.3462, 0.3402

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.



53.3282, 0.3395, 0.3497



53.3282, 0.2847, 0.3175



53.3282, 0.3357, 0.3268

Square

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



53.3282, 0.2847, 0.3175



53.3282, 0.3087, 0.3068



53.3282, 0.3416, 0.3394



53.3282, 0.3162, 0.3526

Rectangle

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



53.3282, 0.2847, 0.3175



53.3282, 0.2916, 0.3047



53.3282, 0.3416, 0.3394



53.3282, 0.3339, 0.3538

Sweetspot

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



53.3304, 0.2847, 0.3175



94.9205, 0.3034, 0.3254



56.2779, 0.3044, 0.3668



20.2020, 0.3024, 0.3250



0.0000, 0.0000, 0.0000



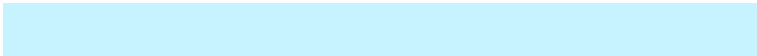
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3304, 0.2847, 0.3175



82.6750, 0.2789, 0.3148



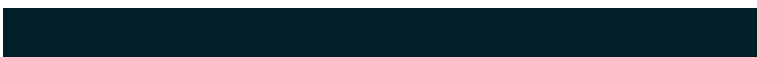
45.2338, 0.2834, 0.2928



12.9122, 0.2983, 0.3234



18.3822, 0.2031, 0.2511



1.1454, 0.2075, 0.2670

Inverse Universe

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



45.7189, 0.3224, 0.2941



68.4537, 0.3248, 0.2865



56.0097, 0.3422, 0.3627



11.9591, 0.3173, 0.3114



9.9270, 0.3911, 0.1928



0.5669, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 53.3282, 0.2847, 0.3175 looks on a white background.

Color Contrast Check

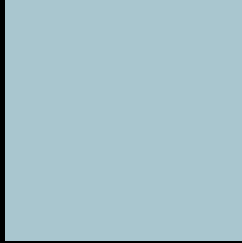
Large Text (above 18pt) WCAG AA × Fail

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 53.3282, 0.2847, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

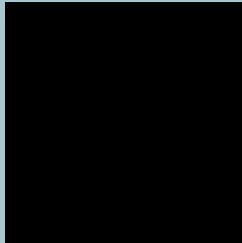
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

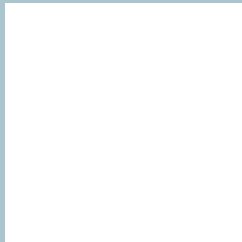
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3282, 0.2847, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 53.3282, 0.2847, 0.3175.



This preview shows how white text looks on a background with the Yxy color 53.3282, 0.2847, 0.3175.

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

53.3282, 0.2847, 0.3175

Protanopia

53.3485, 0.3054, 0.3156

Deuteranopia

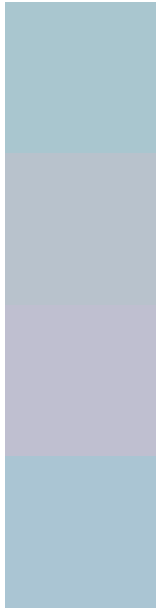
52.9815, 0.3099, 0.3030



Tritanopia

53.2826, 0.2815, 0.3089

Trichromacy



Original Color

53.3282, 0.2847, 0.3175

Protanomaly

53.1336, 0.2977, 0.3166

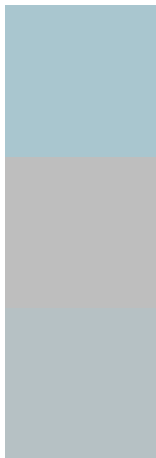
Deuteranomaly

52.8920, 0.3002, 0.3083

Tritanomaly

53.1817, 0.2827, 0.3113

Monochromacy



Original Color

53.3282, 0.2847, 0.3175

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0705, 0.3018, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3282, 0.2847, 0.3175 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(169, 198, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 198, 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(169, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 198, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.3282, 0.2847, 0.3175 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(169, 198, 207) }
```

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

```
.border{ border-color:rgb(169, 198, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 198,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3282, 0.2847, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 198, 207) }
```

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

```
.background{ background-color: rgb(169,  
198, 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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