

Converting Colors

$Yxy(53.3258, 0.2811, 0.3342)$

Have a look what the booklet for
Yxy(53.3258, 0.2811, 0.3342)
contains.

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Color

Yxy(53.2868, 0.2811, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAC6
RGB	155, 202, 198
RGB Percent	61%, 79%, 78%
CMY	0.3924, 0.2078, 0.2236
CMYK	0.23, 0.00, 0.02, 0.21
HSL	175°, 31%, 70%
HSV	175°, 23%, 79%
XYZ	44.8202, 53.2868, 61.3388
YIQ	187.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

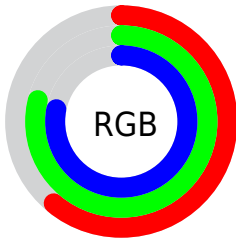
Format	Color
RYB	155, 180, 202
Decimal	10209990
CIELab	78.04, -16.18, -3.03
CIELCh	78, 16.466, 190.619
Yxy	53.2868, 0.2811, 0.3342
Android (android.graphics.Color)	4288400070 (0xFF9BCAC6)
YUV	187.4910, 5.1809, -28.4946
Hunter-Lab	72.9978, -18.1482, 1.2781

Details

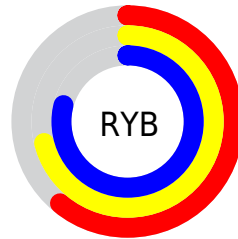
The Yxy color **53.2868, 0.2811, 0.3342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.4832, 0.3563, 0.3239**, and the grayscale version is **49.9612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **26.0182, 0.2726, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **51.3762, 0.2692, 0.3367**, and if you desaturate by 10%, it is **55.5370, 0.2941, 0.3318**.

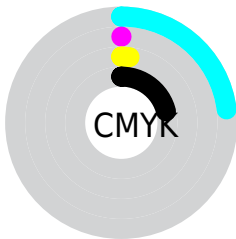
Distribution



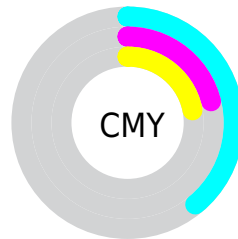
- Red (61%)
- Green (79%)
- Blue (78%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2868, 0.2811, 0.3342 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 53.2868, 0.2811, 0.3342 by changing the saturation by 10% instead.

 53.2868, 0.2811,
0.3342


 53.2868, 0.2811,
0.3342


399.3845, 0.2965,
0.3318

 38.0318, 0.2774,
0.3347


 95.0263, 0.2866,
0.3334

 26.0073, 0.2727,
0.3354

 122.2795, 0.2887,
0.3330

 16.8291, 0.2666,
0.3362

154.3009, 0.2904,
0.3328

 10.1127, 0.2583,
0.3373

191.4749, 0.2920,
0.3325

 5.4738, 0.2464,
0.3387

234.1858, 0.2933,
0.3323

 2.5278, 0.2280,
0.3406

282.8181, 0.2945,

 0.8905, 0.1777,

0.3321

0.3505

337.7562, 0.2955,
0.3320

0.0000, 0.0000,
0.0000

53.2868, 0.2811,
0.3342

53.2868, 0.2811,
0.3342

51.3762, 0.2692,
0.3367

55.5370, 0.2941,
0.3318

49.7819, 0.2586,
0.3394

58.1358, 0.3080,
0.3297

48.4883, 0.2497,
0.3422

61.0998, 0.3224,
0.3277

47.4753, 0.2426,
0.3451

64.4428, 0.3371,
0.3259

46.7208, 0.2373,
0.3480

67.9976, 0.3510,
0.3244

■ 46.1990, 0.2340,
0.3509

■ 68.0826, 0.3497,
0.3226

■ 45.8792, 0.2325,
0.3538

■ 68.1685, 0.3483,
0.3208

■ 45.7405, 0.2322,
0.3557

■ 68.2553, 0.3470,
0.3191

■ 68.3431, 0.3456,
0.3173

Harmonies

Analogous

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



53.2868, 0.2989, 0.3536



53.2868, 0.2811, 0.3342



53.2868, 0.2717, 0.3140

Triad

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



53.2868, 0.2811, 0.3342



53.2868, 0.3034, 0.2951



53.2868, 0.3541, 0.3579

Complementary

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



53.2868, 0.2811, 0.3342



38.4832, 0.3563, 0.3239

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.



53.2868, 0.3556, 0.3415



53.2868, 0.2811, 0.3342



53.2868, 0.3257, 0.3061

Square

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



53.2868, 0.2811, 0.3342



53.2868, 0.2842, 0.2924



53.2868, 0.3451, 0.3228



53.2868, 0.3412, 0.3672

Rectangle

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



53.2868, 0.2811, 0.3342



53.2868, 0.2712, 0.3031



53.2868, 0.3451, 0.3228



53.2868, 0.3560, 0.3530

Sweetspot

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



53.2890, 0.2811, 0.3342



96.6722, 0.3027, 0.3305



52.0517, 0.3133, 0.3933



20.6335, 0.3018, 0.3306



0.0000, 0.0000, 0.0000



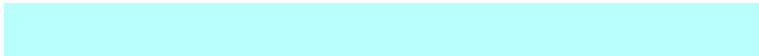
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2890, 0.2811, 0.3342



88.4931, 0.2749, 0.3355



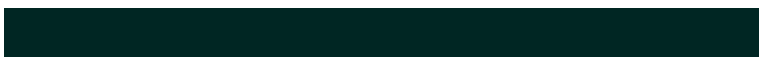
45.1714, 0.2766, 0.3037



12.7098, 0.2995, 0.3310



29.4337, 0.2320, 0.3553



1.5234, 0.2305, 0.3497

Inverse Universe

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



38.4832, 0.3563, 0.3239



59.0805, 0.3691, 0.3228



45.1070, 0.3551, 0.3530



11.2290, 0.3277, 0.3270



8.1123, 0.6295, 0.3242



0.4240, 0.5977, 0.3066

Previews

White Background



This preview shows how the Yxy color 53.2868, 0.2811, 0.3342 looks on a white background.

Color Contrast Check

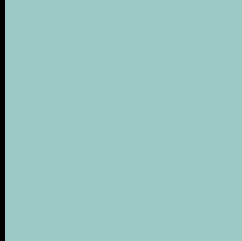
Large Text (above 18pt) WCAG AA × Fail

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 53.2868, 0.2811, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

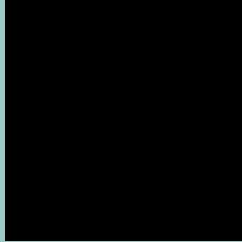
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

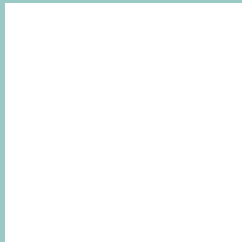
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2868, 0.2811, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 53.2868, 0.2811, 0.3342.



This preview shows how white text looks on a background with the Yxy color 53.2868, 0.2811, 0.3342.

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

53.2868, 0.2811, 0.3342

Protanopia

52.8031, 0.3160, 0.3278

Deuteranopia

53.0231, 0.3185, 0.3124



Tritanopia

53.1241, 0.2729, 0.3085

Trichromacy



Original Color

53.2868, 0.2811, 0.3342

Protanomaly

52.7490, 0.3024, 0.3302

Deuteranomaly

52.5608, 0.3036, 0.3191

Tritanomaly

53.1811, 0.2760, 0.3173

Monochromacy



Original Color

53.2868, 0.2811, 0.3342

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.5748, 0.2999, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2868, 0.2811, 0.3342 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(155, 202, 198)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 198)  
}
```

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(155, 202, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 198) }
```

Border

The CSS property to change the border of an element to Yxy 53.2868, 0.2811, 0.3342 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(155, 202, 198) }
```

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

```
.border{ border-color:rgb(155, 202, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 198);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2868, 0.2811, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 198) }
```

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

```
.background{ background-color: rgb(155,  
202, 198) }
```

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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