

Converting Colors

$Yxy(51.2138, 0.2868, 0.3321)$

Have a look what the booklet for
Yxy(51.2138, 0.2868, 0.3321)
contains.

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Color

Yxy(51.3011, 0.2868, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5C2
RGB	160, 197, 194
RGB Percent	63%, 77%, 76%
CMY	0.3726, 0.2274, 0.2393
CMYK	0.19, 0.00, 0.02, 0.23
HSL	175°, 24%, 70%
HSV	175°, 19%, 77%
XYZ	44.1969, 51.3011, 58.6056
YIQ	185.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

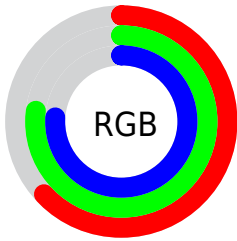
Format	Color
R _Y B	160, 179, 197
Decimal	10536386
CIE Lab	76.86, -12.90, -2.58
CIE LCh	77, 13.153, 191.325
Yxy	51.3011, 0.2868, 0.3329
Android (android.graphics.Color)	4288726466 (0xFFA0C5C2)
YUV	185.5950, 4.1437, -22.4468
Hunter-Lab	71.6248, -15.1978, 1.6244

Details

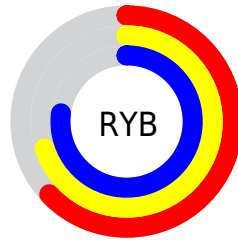
The Yxy color **51.3011, 0.2868, 0.3329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6508, 0.3461, 0.3252**, and the grayscale version is **48.8485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2328, 0.2915, 0.3330**, and **24.7265, 0.2804, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **49.3596, 0.2743, 0.3352**, and if you desaturate by 10%, it is **53.5693, 0.3003, 0.3307**.

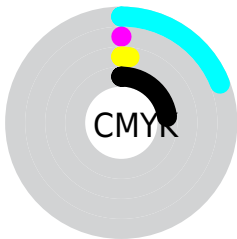
Distribution



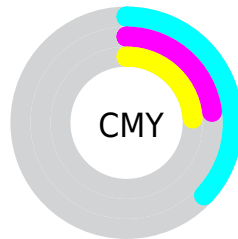
- Red (63%)
- Green (77%)
- Blue (76%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3011, 0.2868, 0.3329 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 51.3011, 0.2868, 0.3329 by changing the saturation by 10% instead.


 51.3011, 0.2868,
0.3329


 51.3011, 0.2868,
0.3329


391.7325, 0.2995,
0.3311

 36.4483, 0.2837,
0.3333


 92.0997, 0.2914,
0.3323

 24.7806, 0.2798,
0.3338

 118.8143, 0.2931,
0.3320

 15.9137, 0.2746,
0.3345


150.2516, 0.2945,
0.3318

 9.4631, 0.2676,
0.3353

186.7960, 0.2958,
0.3316

 5.0445, 0.2574,
0.3365

228.8318, 0.2969,
0.3315

 2.2734, 0.2413,
0.3380

276.7436, 0.2979,

 0.7596, 0.1872,

0.3313

330.9157, 0.2987,
0.3312

0.3492

0.0000, 0.0000,
0.0000

51.3011, 0.2868,
0.3329

51.3011, 0.2868,
0.3329

49.3596, 0.2743,
0.3352

53.5693, 0.3003,
0.3307

47.7234, 0.2631,
0.3377

56.1720, 0.3144,
0.3288

46.3783, 0.2533,
0.3403

59.1247, 0.3290,
0.3270

45.3063, 0.2454,
0.3430

62.4398, 0.3438,
0.3254

44.4878, 0.2392,
0.3458

65.4623, 0.3557,
0.3240

■ 43.9001, 0.2350,
0.3485

■ 65.5388, 0.3544,
0.3223

■ 43.5169, 0.2327,
0.3513

■ 65.6161, 0.3531,
0.3206

■ 43.2944, 0.2318,
0.3540

■ 65.6942, 0.3518,
0.3190

■ 43.2711, 0.2318,
0.3543

■ 65.7730, 0.3505,
0.3174

Harmonies

Analogous

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



51.3011, 0.3012, 0.3485



51.3011, 0.2868, 0.3329



51.3011, 0.2793, 0.3167

Triad

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



51.3011, 0.2868, 0.3329



51.3011, 0.3056, 0.3015



51.3011, 0.3460, 0.3528

Complementary

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



51.3011, 0.2868, 0.3329



39.6508, 0.3461, 0.3252

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.



51.3011, 0.3474, 0.3397



51.3011, 0.2868, 0.3329



51.3011, 0.3237, 0.3106

Square

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



51.3011, 0.2868, 0.3329



51.3011, 0.2899, 0.2992



51.3011, 0.3391, 0.3244



51.3011, 0.3355, 0.3599

Rectangle

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



51.3011, 0.2868, 0.3329



51.3011, 0.2790, 0.3079



51.3011, 0.3391, 0.3244



51.3011, 0.3476, 0.3489

Sweetspot

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



51.3032, 0.2868, 0.3329



97.1327, 0.3041, 0.3302



50.2679, 0.3128, 0.3795



20.7265, 0.3031, 0.3303



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.



51.3032, 0.2868, 0.3329



90.2186, 0.2810, 0.3339



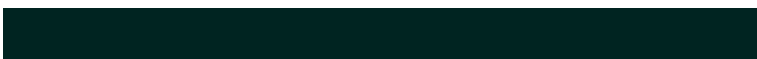
44.7877, 0.2836, 0.3082



12.0521, 0.2995, 0.3309



28.4641, 0.2317, 0.3540



1.3523, 0.2301, 0.3483

Inverse Universe

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



39.6508, 0.3461, 0.3252



65.1212, 0.3565, 0.3242



45.2286, 0.3455, 0.3489



10.6507, 0.3277, 0.3272



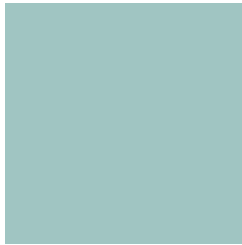
7.8375, 0.6300, 0.3244



0.3761, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 51.3011, 0.2868, 0.3329 looks on a white background.

Color Contrast Check

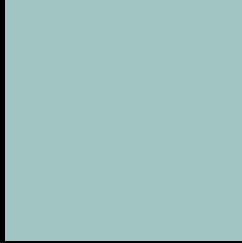
Large Text (above 18pt) WCAG AA × Fail

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 51.3011, 0.2868, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

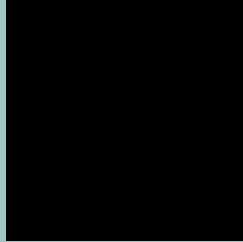
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

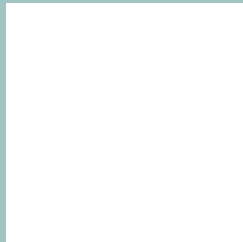
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3011, 0.2868, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 51.3011, 0.2868, 0.3329.



This preview shows how white text looks on a background with the Yxy color 51.3011, 0.2868, 0.3329.

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

51.3011, 0.2868, 0.3329

Protanopia

50.9780, 0.3161, 0.3278

Deuteranopia

51.1496, 0.3193, 0.3134



Tritanopia

51.4699, 0.2783, 0.3097

Trichromacy



Original Color

51.3011, 0.2868, 0.3329

Protanomaly

50.8469, 0.3047, 0.3290

Deuteranomaly

51.0721, 0.3066, 0.3202

Tritanomaly

51.5209, 0.2816, 0.3186

Monochromacy



Original Color

51.3011, 0.2868, 0.3329

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8481, 0.3030, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3011, 0.2868, 0.3329 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(160, 197, 194)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 194)  
}
```

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(160, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 194) }
```

Border

The CSS property to change the border of an element to Yxy 51.3011, 0.2868, 0.3329 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(160, 197, 194) }
```

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

```
.border{ border-color:rgb(160, 197, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 194);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3011, 0.2868, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 194) }
```

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

```
.background{ background-color: rgb(160,  
197, 194) }
```

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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