

Converting Colors

$Yxy(51.7331, 0.2818, 0.3288)$

Have a look what the booklet for
Yxy(51.7331, 0.2818, 0.3288)
contains.

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Color

Yxy(51.6335, 0.2821, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	9DC6C6
RGB	157, 198, 198
RGB Percent	62%, 78%, 78%
CMY	0.3845, 0.2235, 0.2235
CMYK	0.21, 0.00, 0.00, 0.22
HSL	180°, 26%, 70%
HSV	180°, 21%, 78%
XYZ	44.2864, 51.6335, 61.0685
YIQ	185.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

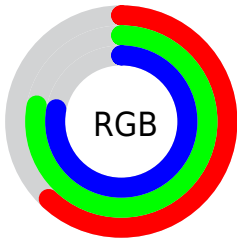
Format	Color
RYB	157, 178, 198
Decimal	10340038
CIELab	77.06, -13.50, -4.49
CIElCh	77, 14.224, 198.382
Yxy	51.6335, 0.2821, 0.3289
Android (android.graphics.Color)	4288530118 (0xFF9DC6C6)
YUV	185.7410, 6.0437, -25.2059
Hunter-Lab	71.8565, -15.7360, -0.0892

Details

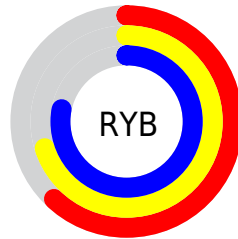
The Yxy color **51.6335, 0.2821, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5415, 0.3538, 0.3291**, and the grayscale version is **48.9231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **24.9634, 0.2745, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **49.8021, 0.2690, 0.3289**, and if you desaturate by 10%, it is **53.7919, 0.2964, 0.3289**.

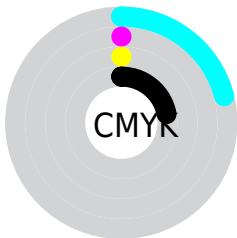
Distribution



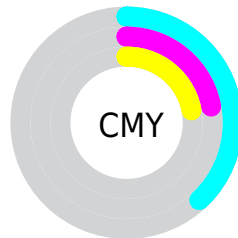
- Red (62%)
- Green (78%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6335, 0.2821, 0.3289 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 51.6335, 0.2821, 0.3289 by changing the saturation by 10% instead.

 51.6335, 0.2821,
0.3289


 51.6335, 0.2821,
0.3289

393.0201, 0.2970,
0.3291

 36.7130, 0.2785,
0.3288


 92.5905, 0.2874,
0.3290

 24.9854, 0.2739,
0.3286


 119.3958, 0.2895,
0.3290

 16.0662, 0.2679,
0.3284


150.9316, 0.2912,
0.3291

 9.5710, 0.2597,
0.3280

187.5821, 0.2927,
0.3291

 5.1154, 0.2480,
0.3272

229.7318, 0.2940,
0.3291

 2.3152, 0.2296,
0.3255

277.7651, 0.2951,

 0.7817, 0.1742,

0.3291

332.0664, 0.2961,
0.3291

0.3293

0.0000, 0.0000,
0.0000

51.6335, 0.2821,
0.3289

51.6335, 0.2821,
0.3289

49.8021, 0.2690,
0.3289

53.7919, 0.2964,
0.3289

48.2759, 0.2573,
0.3288

56.2853, 0.3116,
0.3290

47.0400, 0.2473,
0.3288

59.1296, 0.3273,
0.3290

46.0762, 0.2391,
0.3288

62.3377, 0.3434,
0.3291

45.3638, 0.2328,
0.3287

65.7383, 0.3587,
0.3291

■ 44.8794, 0.2285,
0.3287

■ 65.7395, 0.3587,
0.3291

■ 44.5953, 0.2259,
0.3287

■ 65.7408, 0.3587,
0.3292

■ 44.4622, 0.2246,
0.3287

■ 65.7420, 0.3587,
0.3292

■ 65.7433, 0.3587,
0.3292

Harmonies

Analogous

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



51.6335, 0.2962, 0.3465



51.6335, 0.2821, 0.3289



51.6335, 0.2761, 0.3120

Triad

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



51.6335, 0.2821, 0.3289



51.6335, 0.3096, 0.3011



51.6335, 0.3468, 0.3571

Complementary

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



51.6335, 0.2821, 0.3289



38.5415, 0.3538, 0.3291

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.



51.6335, 0.3508, 0.3442



51.6335, 0.2821, 0.3289



51.6335, 0.3289, 0.3124

Square

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



51.6335, 0.2821, 0.3289



51.6335, 0.2916, 0.2967



51.6335, 0.3442, 0.3279



51.6335, 0.3335, 0.3629

Rectangle

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



51.6335, 0.2821, 0.3289



51.6335, 0.2773, 0.3035



51.6335, 0.3442, 0.3279



51.6335, 0.3493, 0.3534

Sweetspot

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



51.6356, 0.2821, 0.3289



97.2115, 0.3034, 0.3290



49.9929, 0.3101, 0.3858



20.7452, 0.3024, 0.3290



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.



51.6356, 0.2821, 0.3289



89.8432, 0.2759, 0.3289



42.8784, 0.2803, 0.3011



12.0673, 0.2984, 0.3290



28.9090, 0.2246, 0.3287



1.3689, 0.2246, 0.3287

Inverse Universe

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



40.1846, 0.3151, 0.2781



65.8502, 0.3157, 0.2666



46.0779, 0.3486, 0.3554



10.8166, 0.3138, 0.3062



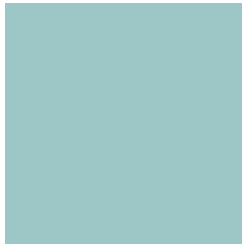
10.4584, 0.3210, 0.1542



0.4952, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 51.6335, 0.2821, 0.3289 looks on a white background.

Color Contrast Check

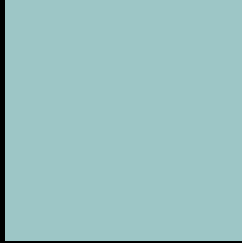
Large Text (above 18pt) WCAG AA × Fail

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 51.6335, 0.2821, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

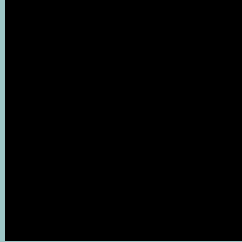
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

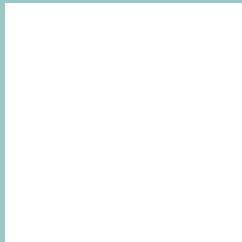
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6335, 0.2821, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 51.6335, 0.2821, 0.3289.



This preview shows how white text looks on a background with the Yxy color 51.6335, 0.2821, 0.3289.

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

51.6335, 0.2821, 0.3289

Protanopia

51.4519, 0.3121, 0.3240

Deuteranopia

51.1945, 0.3153, 0.3086



Tritanopia

51.7069, 0.2751, 0.3084

Trichromacy



Original Color

51.6335, 0.2821, 0.3289

Protanomaly

51.2231, 0.3002, 0.3251

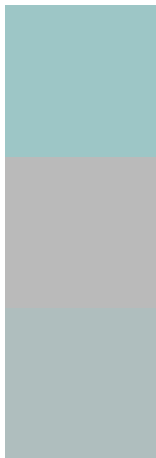
Deuteranomaly

51.0044, 0.3021, 0.3153

Tritanomaly

51.8084, 0.2777, 0.3160

Monochromacy



Original Color

51.6335, 0.2821, 0.3289

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6586, 0.3007, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6335, 0.2821, 0.3289 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(157, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 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(157, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 198) }
```

Border

The CSS property to change the border of an element to Yxy 51.6335, 0.2821, 0.3289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

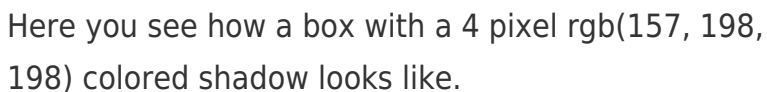
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 198, 198) }
```

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

```
.border{ border-color:rgb(157, 198, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 198, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 198, 198); box-shadow:4px 4px 4px 4px rgb(157, 198, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6335, 0.2821, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 198) }
```

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

```
.background{ background-color: rgb(157,  
198, 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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