

Converting Colors

$Yxy(51.3350, 0.2813, 0.3225)$

Have a look what the booklet for
Yxy(51.3350, 0.2813, 0.3225)
contains.

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Color

Yxy(51.5205, 0.2815, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	9FC5C9
RGB	159, 197, 201
RGB Percent	62%, 77%, 79%
CMY	0.3765, 0.2274, 0.2118
CMYK	0.21, 0.02, 0.00, 0.21
HSL	186°, 28%, 71%
HSV	186°, 21%, 79%
XYZ	44.8039, 51.5205, 62.8369
YIQ	186.0940, -23.9320, -6.8120

Conversions

Conversions Part 2

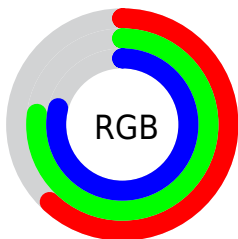
Format	Color
R _Y B	159, 179, 201
Decimal	10470857
CIE Lab	76.99, -11.70, -6.18
CIE LCh	77, 13.234, 207.839
Yxy	51.5205, 0.2815, 0.3237
Android (android.graphics.Color)	4288660937 (0xFF9FC5C9)
YUV	186.0940, 7.3487, -23.7614
Hunter-Lab	71.7778, -14.1909, -1.6602

Details

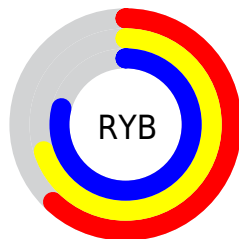
The Yxy color **51.5205, 0.2815, 0.3237** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.1038, 0.3532, 0.3342**, and the grayscale version is **49.1257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3998, 0.2882, 0.3279**, and **24.8773, 0.2736, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **48.7717, 0.2678, 0.3209**, and if you desaturate by 10%, it is **54.6186, 0.2961, 0.3264**.

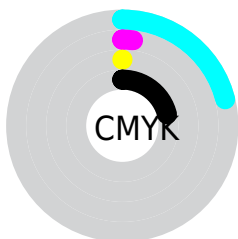
Distribution



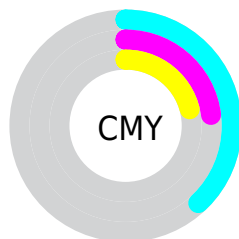
- Red (62%)
- Green (77%)
- Blue (79%)



- Red (62%)
- Yellow (70%)
- Blue (79%)



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



- Cyan (38%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5205, 0.2815, 0.3237 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 51.5205, 0.2815, 0.3237 by changing the saturation by 10% instead.

■ 51.5205, 0.2815,
0.3237

■ 51.5205, 0.2815,
0.3237

■ 392.5827, 0.2967,
0.3265

■ 36.6230, 0.2778,
0.3230

■ 92.4237, 0.2869,
0.3247

■ 24.9157, 0.2732,
0.3220

■ 119.1982, 0.2890,
0.3251

■ 16.0143, 0.2671,
0.3207

■ 150.7005, 0.2908,
0.3254

■ 9.5343, 0.2588,
0.3188

■ 187.3150, 0.2923,
0.3257

■ 5.0913, 0.2469,
0.3159

■ 229.4260, 0.2936,
0.3260

■ 2.3009, 0.2283,
0.3107

■ 277.4181, 0.2948,

■ 0.7742, 0.1777,

0.3262

0.3055

331.6755, 0.2958,
0.3263

0.0000, 0.0000,
0.0000

51.5205, 0.2815,
0.3237

51.5205, 0.2815,
0.3237

48.7717, 0.2678,
0.3209

54.6186, 0.2961,
0.3264

46.3496, 0.2553,
0.3179

58.0747, 0.3113,
0.3288

44.2390, 0.2443,
0.3147

61.9051, 0.3269,
0.3310

42.4205, 0.2351,
0.3115

66.1232, 0.3425,
0.3330

40.8729, 0.2276,
0.3082

69.8815, 0.3545,
0.3348

■ 39.5717, 0.2221,
0.3049

■ 70.8084, 0.3541,
0.3368

■ 38.4879, 0.2184,
0.3017

■ 71.7466, 0.3537,
0.3387

■ 37.6416, 0.2163,
0.2988

■ 72.6960, 0.3533,
0.3407

■ 73.6567, 0.3529,
0.3426

Harmonies

Analogous

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



51.5205, 0.2925, 0.3403



51.5205, 0.2815, 0.3237



51.5205, 0.2786, 0.3092

Triad

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



51.5205, 0.2815, 0.3237



51.5205, 0.3156, 0.3057



51.5205, 0.3413, 0.3578

Complementary

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



51.5205, 0.2815, 0.3237



41.1038, 0.3532, 0.3342

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.



51.5205, 0.3480, 0.3475



51.5205, 0.2815, 0.3237



51.5205, 0.3329, 0.3178

Square

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



51.5205, 0.2815, 0.3237



51.5205, 0.2979, 0.2994



51.5205, 0.3449, 0.3329



51.5205, 0.3270, 0.3604

Rectangle

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



51.5205, 0.2815, 0.3237



51.5205, 0.2816, 0.3026



51.5205, 0.3449, 0.3329



51.5205, 0.3446, 0.3551

Sweetspot

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



51.5226, 0.2815, 0.3237



96.2901, 0.3034, 0.3276



51.7660, 0.3076, 0.3814



20.5266, 0.3024, 0.3274



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.



51.5226, 0.2815, 0.3237



86.0502, 0.2753, 0.3225



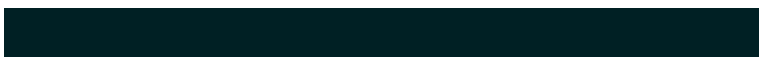
42.8292, 0.2796, 0.2960



11.8888, 0.2984, 0.3267



23.7423, 0.2165, 0.2993



1.1755, 0.2183, 0.3059

Inverse Universe

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



41.2398, 0.3186, 0.2822



65.4673, 0.3200, 0.2721



48.9892, 0.3481, 0.3599



10.7986, 0.3152, 0.3084



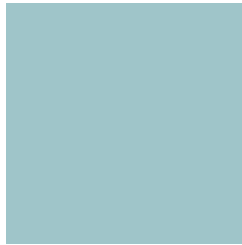
9.9368, 0.3461, 0.1680



0.4757, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 51.5205, 0.2815, 0.3237 looks on a white background.

Color Contrast Check

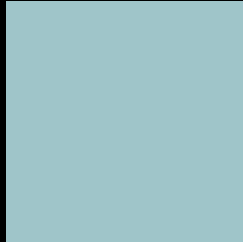
Large Text (above 18pt) WCAG AA × Fail

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 51.5205, 0.2815, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

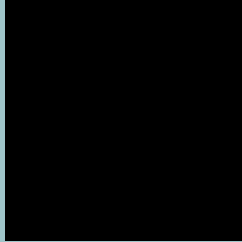
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

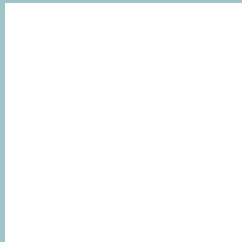
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5205, 0.2815, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 51.5205, 0.2815, 0.3237.



This preview shows how white text looks on a background with the Yxy color 51.5205, 0.2815, 0.3237.

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

51.5205, 0.2815, 0.3237

Protanopia

51.4571, 0.3091, 0.3203

Deuteranopia

51.1972, 0.3122, 0.3050



Tritanopia

51.3104, 0.2763, 0.3084

Trichromacy



Original Color

51.5205, 0.2815, 0.3237

Protanomaly

51.3602, 0.2980, 0.3214

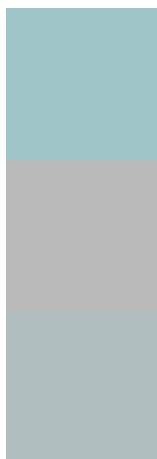
Deuteranomaly

51.1461, 0.2999, 0.3116

Tritanomaly

51.4584, 0.2782, 0.3147

Monochromacy



Original Color

51.5205, 0.2815, 0.3237

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8186, 0.3007, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5205, 0.2815, 0.3237 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(159, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(159, 197, 201)  
}
```

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(159, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 197, 201) }
```

Border

The CSS property to change the border of an element to Yxy 51.5205, 0.2815, 0.3237 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(159, 197, 201) }
```

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

```
.border{ border-color:rgb(159, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 197, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 197, 201); box-shadow:4px 4px 4px 4px rgb(159, 197, 201) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5205, 0.2815, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 197, 201) }
```

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

```
.background{ background-color: rgb(159,  
197, 201) }
```

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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