

Converting Colors

$Yxy(51.5723, 0.2857, 0.3322)$

Have a look what the booklet for
Yxy(51.5723, 0.2857, 0.3322)
contains.

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Color

Yxy(51.6992, 0.2855, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	9FC6C3
RGB	159, 198, 195
RGB Percent	62%, 78%, 76%
CMY	0.3765, 0.2235, 0.2354
CMYK	0.20, 0.00, 0.02, 0.22
HSL	175°, 26%, 70%
HSV	175°, 20%, 78%
XYZ	44.3380, 51.6992, 59.2623
YIQ	185.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

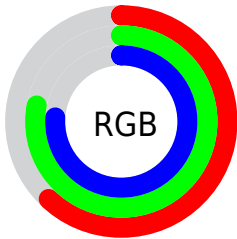
Format	Color
RYB	159, 179, 198
Decimal	10471107
CIELab	77.10, -13.52, -2.78
CIELCh	77, 13.800, 191.602
Yxy	51.6992, 0.2855, 0.3329
Android (android.graphics.Color)	4288661187 (0xFF9FC6C3)
YUV	185.9970, 4.4385, -23.6764
Hunter-Lab	71.9022, -15.7579, 1.4643

Details

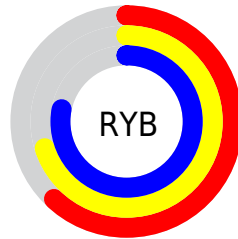
The Yxy color **51.6992, 0.2855, 0.3329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4060, 0.3483, 0.3252**, and the grayscale version is **49.0837, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8444, 0.2899, 0.3320**, and **24.9954, 0.2788, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **49.7677, 0.2731, 0.3351**, and if you desaturate by 10%, it is **53.9599, 0.2990, 0.3308**.

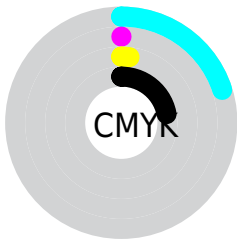
Distribution



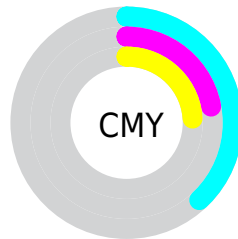
- Red (62%)
- Green (78%)
- Blue (76%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)




- Cyan (38%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6992, 0.2855, 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 51.6992, 0.2855, 0.3329 by changing the saturation by 10% instead.


 51.6992, 0.2855,
0.3329


 51.6992, 0.2855,
0.3329

393.2743, 0.2988,
0.3311

 36.7654, 0.2823,
0.3333


 92.6875, 0.2903,
0.3323

 25.0259, 0.2782,
0.3338


 119.5107, 0.2921,
0.3320

 16.0963, 0.2728,
0.3345


151.0659, 0.2936,
0.3318

 9.5923, 0.2655,
0.3353

187.7373, 0.2949,
0.3316

 5.1295, 0.2549,
0.3363

229.9095, 0.2961,
0.3315

 2.3235, 0.2382,
0.3378

277.9668, 0.2971,

 0.7861, 0.1849,

0.3313

0.3485

332.2936, 0.2980,
0.3312

0.0000, 0.0000,
0.0000

51.6992, 0.2855,
0.3329

51.6992, 0.2855,
0.3329

49.7677, 0.2731,
0.3351

53.9599, 0.2990,
0.3308

48.1437, 0.2619,
0.3375

56.5578, 0.3131,
0.3289

46.8126, 0.2523,
0.3400

59.5086, 0.3278,
0.3272

45.7561, 0.2445,
0.3425

62.8250, 0.3426,
0.3257

44.9540, 0.2385,
0.3452

65.9484, 0.3550,
0.3243

■ 44.3832, 0.2344,
0.3478

■ 66.0217, 0.3537,
0.3228

■ 44.0164, 0.2322,
0.3504

■ 66.0958, 0.3525,
0.3212

■ 43.8033, 0.2314,
0.3530

■ 66.1707, 0.3513,
0.3196

■ 43.7977, 0.2314,
0.3530

■ 66.2462, 0.3501,
0.3180

Harmonies

Analogous

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



51.6992, 0.3005, 0.3493



51.6992, 0.2855, 0.3329



51.6992, 0.2777, 0.3159

Triad

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



51.6992, 0.2855, 0.3329



51.6992, 0.3055, 0.3003



51.6992, 0.3475, 0.3540

Complementary

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



51.6992, 0.2855, 0.3329



39.4060, 0.3483, 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.



51.6992, 0.3491, 0.3403



51.6992, 0.2855, 0.3329



51.6992, 0.3244, 0.3099

Square

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



51.6992, 0.2855, 0.3329



51.6992, 0.2890, 0.2978



51.6992, 0.3405, 0.3243



51.6992, 0.3364, 0.3614

Rectangle

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



51.6992, 0.2855, 0.3329



51.6992, 0.2775, 0.3068



51.6992, 0.3405, 0.3243



51.6992, 0.3492, 0.3499

Sweetspot

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



51.7013, 0.2855, 0.3329



97.1367, 0.3040, 0.3301



50.6013, 0.3127, 0.3822



20.7275, 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.



51.7013, 0.2855, 0.3329



89.8811, 0.2796, 0.3339



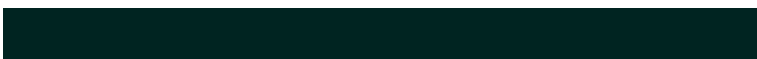
44.7996, 0.2822, 0.3071



12.0528, 0.2994, 0.3308



28.4853, 0.2313, 0.3527



1.3531, 0.2298, 0.3473

Inverse Universe

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



39.4060, 0.3483, 0.3252



63.8569, 0.3592, 0.3242



45.2645, 0.3473, 0.3499



10.6501, 0.3278, 0.3272



7.8358, 0.6305, 0.3247



0.3758, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 51.6992, 0.2855, 0.3329 looks on a white background.

Color Contrast Check

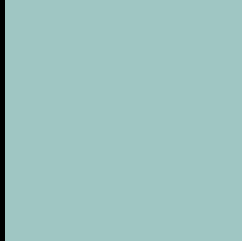
Large Text (above 18pt) WCAG AA × Fail

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 51.6992, 0.2855, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

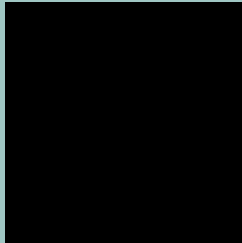
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

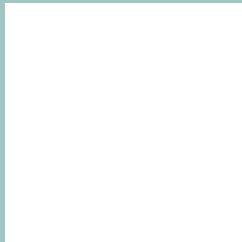
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6992, 0.2855, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 51.6992, 0.2855, 0.3329.

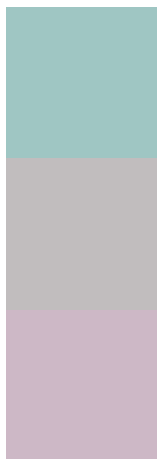


This preview shows how white text looks on a background with the Yxy color 51.6992, 0.2855, 0.3329.

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

51.6992, 0.2855, 0.3329

Protanopia

51.4504, 0.3152, 0.3278

Deuteranopia

51.3373, 0.3194, 0.3122



Tritanopia

51.8644, 0.2771, 0.3097

Trichromacy



Original Color

51.6992, 0.2855, 0.3329

Protanomaly

51.3288, 0.3039, 0.3290

Deuteranomaly

51.1178, 0.3059, 0.3190

Tritanomaly

51.9173, 0.2803, 0.3186

Monochromacy



Original Color

51.6992, 0.2855, 0.3329

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7311, 0.3022, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6992, 0.2855, 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(159, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(159, 198, 195)  
}
```

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, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 51.6992, 0.2855, 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(159, 198, 195) }
```

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

```
.border{ border-color:rgb(159, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 198, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 198, 195); box-shadow:4px 4px 4px 4px rgb(159, 198, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6992, 0.2855, 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(159, 198, 195) }
```

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

```
.background{ background-color: rgb(159,  
198, 195) }
```

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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