

Converting Colors

$Yxy(60.6396, 0.2842, 0.3343)$

Have a look what the booklet for
Yxy(60.6396, 0.2842, 0.3343)
contains.

Yxy(60.5168, 0.2839, 0.3339)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.5168, 0.2839, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	A8D5D1
RGB	168, 213, 209
RGB Percent	66%, 84%, 82%
CMY	0.3410, 0.1647, 0.1805
CMYK	0.21, 0.00, 0.02, 0.16
HSL	175°, 35%, 75%
HSV	175°, 21%, 84%
XYZ	51.4547, 60.5168, 69.2708
YIQ	199.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

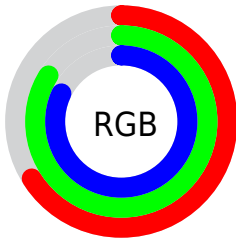
Format	Color
RYB	168, 192, 213
Decimal	11064785
CIELab	82.12, -15.42, -2.84
CIELCh	82, 15.679, 190.447
Yxy	60.5168, 0.2839, 0.3339
Android (android.graphics.Color)	4289254865 (0xFFA8D5D1)
YUV	199.0890, 4.8861, -27.2651
Hunter-Lab	77.7925, -18.0709, 1.6597

Details

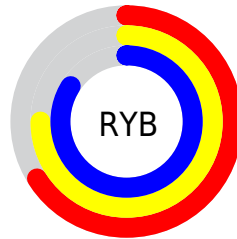
The Yxy color **60.5168, 0.2839, 0.3339** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.1481, 0.3512, 0.3242**, and the grayscale version is **57.1567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **30.4651, 0.2763, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **58.2751, 0.2717, 0.3365**, and if you desaturate by 10%, it is **63.1475, 0.2971, 0.3315**.

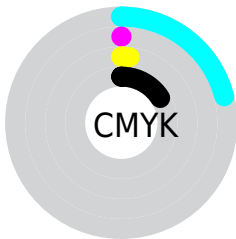
Distribution



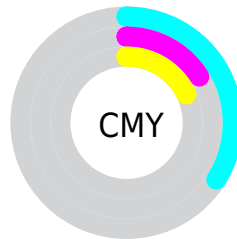
- Red (66%)
- Green (84%)
- Blue (82%)



- Red (66%)
- Yellow (75%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (34%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5168, 0.2839, 0.3339 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 60.5168, 0.2839, 0.3339 by changing the saturation by 10% instead.


 60.5168, 0.2839,
0.3339


 60.5168, 0.2839,
0.3339

426.5001, 0.2976,
0.3317

 43.8353, 0.2807,
0.3344


 105.5790, 0.2887,
0.3331

 30.5411, 0.2766,
0.3350


 134.7285, 0.2906,
0.3328

 20.2496, 0.2714,
0.3358

168.8028, 0.2922,
0.3326

 12.5766, 0.2645,
0.3367

208.1863, 0.2936,
0.3324

 7.1377, 0.2548,
0.3380

253.2634, 0.2948,
0.3322

 3.5483, 0.2403,
0.3397

304.4184, 0.2958,

 1.4243, 0.2161,

0.3320

362.0359, 0.2968,
0.3318

0.3420

0.2345, 0.0000,
0.3406

0.0000, 0.0000,
0.0000

60.5168, 0.2839,
0.3339

60.5168, 0.2839,
0.3339

58.2751, 0.2717,
0.3365

63.1475, 0.2971,
0.3315

56.3964, 0.2608,
0.3393

66.1772, 0.3111,
0.3292

54.8629, 0.2516,
0.3422

69.6245, 0.3256,
0.3272

53.6526, 0.2441,
0.3452

73.5050, 0.3403,
0.3254

■ 52.7407, 0.2385,
0.3483

■ 73.9366, 0.3402,
0.3235

■ 52.0990, 0.2348,
0.3514

■ 74.0374, 0.3388,
0.3216

■ 51.6936, 0.2330,
0.3544

■ 74.1393, 0.3374,
0.3197

■ 51.4791, 0.2325,
0.3571

■ 74.2424, 0.3361,
0.3178

■ 74.3467, 0.3347,
0.3159

Harmonies

Analogous

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



60.5168, 0.3003, 0.3515



60.5168, 0.2839, 0.3339



60.5168, 0.2752, 0.3155

Triad

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



60.5168, 0.2839, 0.3339



60.5168, 0.3041, 0.2979



60.5168, 0.3505, 0.3554

Complementary

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



60.5168, 0.2839, 0.3339



45.1481, 0.3512, 0.3242

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.



60.5168, 0.3518, 0.3405



60.5168, 0.2839, 0.3339



60.5168, 0.3245, 0.3080

Square

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



60.5168, 0.2839, 0.3339



60.5168, 0.2865, 0.2955



60.5168, 0.3421, 0.3233



60.5168, 0.3388, 0.3638

Rectangle

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



60.5168, 0.2839, 0.3339



60.5168, 0.2747, 0.3055



60.5168, 0.3421, 0.3233



60.5168, 0.3522, 0.3509

Sweetspot

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



60.5193, 0.2839, 0.3339



97.1248, 0.3041, 0.3303



59.2482, 0.3133, 0.3867



20.7247, 0.3032, 0.3305



0.0000, 0.0000, 0.0000



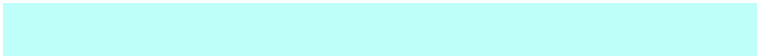
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5193, 0.2839, 0.3339



89.4864, 0.2787, 0.3350



52.1710, 0.2799, 0.3062



14.0878, 0.2994, 0.3311



31.4541, 0.2324, 0.3567



1.9029, 0.2310, 0.3514

Inverse Universe

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



45.1481, 0.3512, 0.3242



62.6602, 0.3611, 0.3232



52.1030, 0.3505, 0.3507



12.4387, 0.3277, 0.3269



8.6765, 0.6293, 0.3240



0.5297, 0.5997, 0.3077

Previews

White Background



This preview shows how the Yxy color 60.5168, 0.2839, 0.3339 looks on a white background.

Color Contrast Check

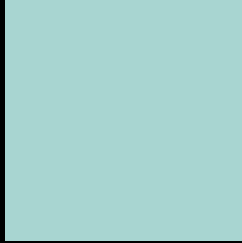
Large Text (above 18pt) WCAG AA × Fail

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 60.5168, 0.2839, 0.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

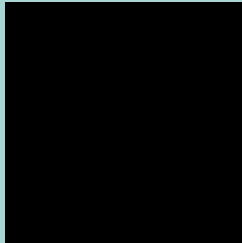
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

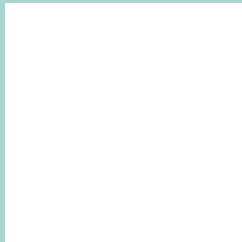
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5168, 0.2839, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 60.5168, 0.2839, 0.3339.

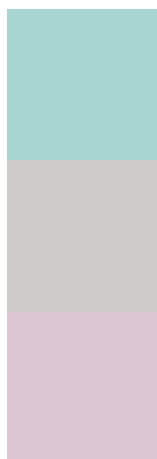


This preview shows how white text looks on a background with the Yxy color 60.5168, 0.2839, 0.3339.

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

60.5168, 0.2839, 0.3339

Protanopia

60.2891, 0.3158, 0.3290

Deuteranopia

60.3573, 0.3197, 0.3133



Tritanopia

60.4099, 0.2754, 0.3085

Trichromacy



Original Color

60.5168, 0.2839, 0.3339

Protanomaly

60.3709, 0.3037, 0.3314

Deuteranomaly

59.8325, 0.3056, 0.3196

Tritanomaly

60.4138, 0.2790, 0.3180

Monochromacy



Original Color

60.5168, 0.2839, 0.3339

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.1889, 0.3014, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5168, 0.2839, 0.3339 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(168, 213, 209)` looks like.

```
.text, #text, p{  
    color:rgb(168, 213, 209)  
}
```

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(168, 213, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 213, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.5168, 0.2839, 0.3339 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(168, 213, 209) }
```

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

```
.border{ border-color:rgb(168, 213, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 213, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 213, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 213, 209);  
box-shadow:4px 4px 4px 4px rgb(168, 213,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5168, 0.2839, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 213, 209) }
```

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

```
.background{ background-color: rgb(168,  
213, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor