

Converting Colors

$Y_{xy}(49.8872, 0.2836, 0.3231)$

Have a look what the booklet for
Yxy(49.8872, 0.2836, 0.3231)
contains.

Yxy(50.1344, 0.2839, 0.3237)	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(50.1344, 0.2839, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	A0C2C6
RGB	160, 194, 198
RGB Percent	63%, 76%, 78%
CMY	0.3728, 0.2391, 0.2236
CMYK	0.19, 0.02, 0.00, 0.22
HSL	186°, 25%, 70%
HSV	186°, 19%, 78%
XYZ	43.9702, 50.1344, 60.7746
YIQ	184.2900, -21.5480, -5.9640

Conversions

Conversions Part 2

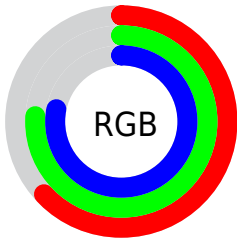
Format	Color
RYB	160, 178, 198
Decimal	10535622
CIELab	76.15, -10.50, -5.79
CIElCh	76, 11.993, 208.861
Yxy	50.1344, 0.2839, 0.3237
Android (android.graphics.Color)	4288725702 (0xFFA0C2C6)
YUV	184.2900, 6.7590, -21.3023
Hunter-Lab	70.8056, -13.0616, -1.3264

Details

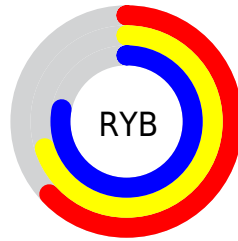
The Yxy color **50.1344, 0.2839, 0.3237** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0526, 0.3491, 0.3342**, and the grayscale version is **48.0664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6614, 0.2887, 0.3248**, and **23.9579, 0.2765, 0.3217** is the 20% darker color. If you saturate the color by 10%, you get **47.3456, 0.2700, 0.3206**, and if you desaturate by 10%, it is **53.2649, 0.2986, 0.3266**.

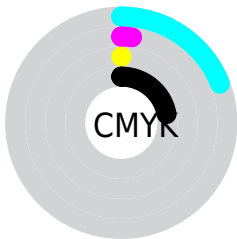
Distribution



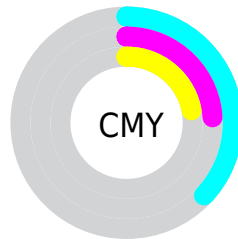
- Red (63%)
- Green (76%)
- Blue (78%)



- Red (63%)
- Yellow (70%)
- Blue (78%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)




- Cyan (37%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1344, 0.2839, 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 50.1344, 0.2839, 0.3237 by changing the saturation by 10% instead.


 50.1344, 0.2839,
0.3237


 50.1344, 0.2839,
0.3237


387.1913, 0.2980,
0.3265

 35.5202, 0.2805,
0.3230


 90.3740, 0.2890,
0.3247

 24.0639, 0.2761,
0.3220


 116.7681, 0.2909,
0.3251

 15.3810, 0.2704,
0.3207


147.8578, 0.2925,
0.3254

 9.0872, 0.2625,
0.3188

184.0272, 0.2939,
0.3257

 4.7981, 0.2512,
0.3159

225.6609, 0.2951,
0.3259

 2.1293, 0.2332,
0.3108

273.1432, 0.2962,

 0.6810, 0.1753,

0.3261

0.3054

326.8585, 0.2972,
0.3263

0.0000, 0.0000,
0.0000

50.1344, 0.2839,
0.3237

50.1344, 0.2839,
0.3237

47.3456, 0.2700,
0.3206

53.2649, 0.2986,
0.3266

44.8769, 0.2572,
0.3173

56.7454, 0.3139,
0.3292

42.7138, 0.2459,
0.3139

60.5914, 0.3295,
0.3316

40.8381, 0.2362,
0.3104

64.8157, 0.3450,
0.3337

39.2296, 0.2283,
0.3068

68.6784, 0.3573,
0.3357

■ 37.8652, 0.2223,
0.3032

■ 69.6668, 0.3568,
0.3378

■ 36.7180, 0.2182,
0.2996

■ 70.6683, 0.3564,
0.3399

■ 35.7411, 0.2157,
0.2961

■ 71.6829, 0.3559,
0.3420

■ 35.6673, 0.2155,
0.2958

■ 72.7106, 0.3555,
0.3441

Harmonies

Analogous

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



50.1344, 0.2938, 0.3389



50.1344, 0.2839, 0.3237



50.1344, 0.2815, 0.3105

Triad

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



50.1344, 0.2839, 0.3237



50.1344, 0.3160, 0.3079



50.1344, 0.3385, 0.3555

Complementary

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



50.1344, 0.2839, 0.3237



41.0526, 0.3491, 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.



50.1344, 0.3449, 0.3464



50.1344, 0.2839, 0.3237



50.1344, 0.3317, 0.3192

Square

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



50.1344, 0.2839, 0.3237



50.1344, 0.2997, 0.3019



50.1344, 0.3424, 0.3331



50.1344, 0.3252, 0.3576

Rectangle

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



50.1344, 0.2839, 0.3237



50.1344, 0.2845, 0.3046



50.1344, 0.3424, 0.3331



50.1344, 0.3416, 0.3532

Sweetspot

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



50.1365, 0.2839, 0.3237



96.2007, 0.3034, 0.3274



50.5182, 0.3076, 0.3758



20.5054, 0.3024, 0.3272



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.



50.1365, 0.2839, 0.3237



86.6884, 0.2780, 0.3225



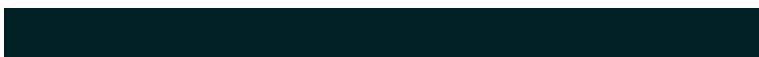
42.2629, 0.2824, 0.2981



11.8716, 0.2984, 0.3265



23.2737, 0.2156, 0.2963



1.1577, 0.2177, 0.3037

Inverse Universe

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



41.0181, 0.3184, 0.2865



67.7309, 0.3198, 0.2772



48.3087, 0.3447, 0.3581



10.7969, 0.3153, 0.3086



9.8895, 0.3487, 0.1695



0.4739, 0.3422, 0.1659

Previews

White Background



This preview shows how the Yxy color 50.1344, 0.2839, 0.3237 looks on a white background.

Color Contrast Check

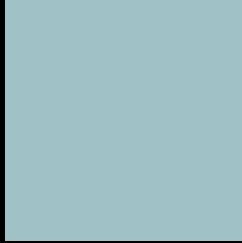
Large Text (above 18pt) WCAG AA × Fail

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 50.1344, 0.2839, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

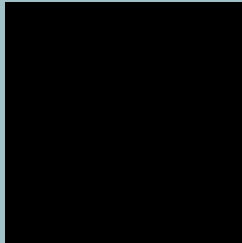
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

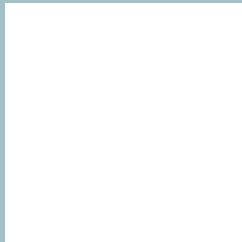
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1344, 0.2839, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 50.1344, 0.2839, 0.3237.



This preview shows how white text looks on a background with the Yxy color 50.1344, 0.2839, 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

50.1344, 0.2839, 0.3237

Protanopia

49.7869, 0.3098, 0.3202

Deuteranopia

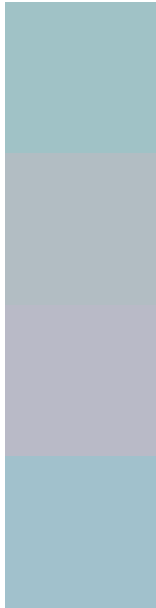
49.9054, 0.3137, 0.3072



Tritanopia

49.9347, 0.2786, 0.3082

Trichromacy



Original Color

50.1344, 0.2839, 0.3237

Protanomaly

49.8003, 0.2994, 0.3213

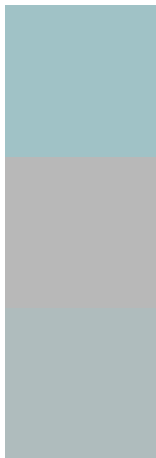
Deuteranomaly

49.5556, 0.3020, 0.3126

Tritanomaly

50.0766, 0.2806, 0.3146

Monochromacy



Original Color

50.1344, 0.2839, 0.3237

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7545, 0.3014, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1344, 0.2839, 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(160, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 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(160, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 198) }
```

Border

The CSS property to change the border of an element to Yxy 50.1344, 0.2839, 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(160, 194, 198) }
```

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

```
.border{ border-color:rgb(160, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1344, 0.2839, 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(160, 194, 198) }
```

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

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