

Converting Colors

$Y_{xy}(59.7222, 0.2805, 0.3345)$

Have a look what the booklet for
Yxy(59.7222, 0.2805, 0.3345)
contains.

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Color

Yxy(59.8239, 0.2806, 0.3352)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A2D5D0 |
| RGB | 162, 213, 208 |
| RGB Percent | 64%, 84%, 82% |
| CMY | 0.3647, 0.1647, 0.1844 |
| CMYK | 0.24, 0.00, 0.02, 0.16 |
| HSL | 174°, 38%, 74% |
| HSV | 174°, 24%, 84% |
| XYZ | 50.0793, 59.8239, 68.5690 |
| YIQ | 197.1810, -28.7910, -12.3670 |

Conversions

Conversions Part 2

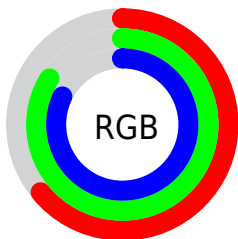
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 162, 189, 213 |
| Decimal | 10671568 |
| CIE Lab | 81.74, -17.46, -2.91 |
| CIE LCh | 82, 17.703, 189.456 |
| Yxy | 59.8239, 0.2806, 0.3352 |
| Android (android.graphics.Color) | 4288861648 (0xFFA2D5D0) |
| YUV | 197.1810, 5.3338, -30.8537 |
| Hunter-Lab | 77.3459, -19.7816, 1.5801 |

Details

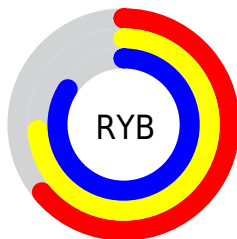
The Yxy color **59.8239, 0.2806, 0.3352** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.7834, 0.3574, 0.3230**, and the grayscale version is **55.9320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **30.0380, 0.2723, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **57.6786, 0.2688, 0.3382**, and if you desaturate by 10%, it is **62.3533, 0.2935, 0.3325**.

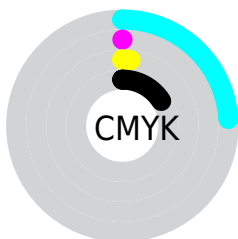
Distribution



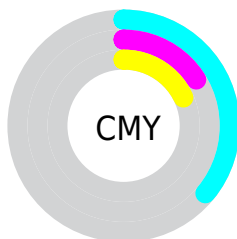
- Red (64%)
- Green (84%)
- Blue (82%)



- Red (64%)
- Yellow (74%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8239, 0.2806, 0.3352 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 59.8239, 0.2806, 0.3352 by changing the saturation by 10% instead.


 59.8239, 0.2806,
0.3352

 59.8239, 0.2806,
0.3352


423.9484, 0.2959,
0.3324

 43.2767, 0.2770,
0.3358

 104.5742, 0.2860,
0.3342

 30.1023, 0.2725,
0.3366


 133.5460, 0.2881,
0.3338

 19.9162, 0.2667,
0.3376


167.4283, 0.2898,
0.3335

 12.3342, 0.2589,
0.3388

206.6052, 0.2914,
0.3332

 6.9717, 0.2480,
0.3405

251.4613, 0.2927,
0.3330

 3.4444, 0.2317,
0.3428

302.3809, 0.2939,

 1.3679, 0.2046,

0.3327

359.7485, 0.2950,
0.3325

0.3459

0.1929, 0.0000,
0.3182

0.0000, 0.0000,
0.0000

59.8239, 0.2806,
0.3352

59.8239, 0.2806,
0.3352

57.6786, 0.2688,
0.3382

62.3533, 0.2935,
0.3325

55.8909, 0.2585,
0.3413


65.2772, 0.3072,
0.3299

54.4428, 0.2498,
0.3445

68.6145, 0.3214,
0.3276


53.3113, 0.2429,
0.3479


72.3809, 0.3359,
0.3256


 52.4709, 0.2379,
0.3513

 73.9371, 0.3402,
0.3236

 51.8920, 0.2348,
0.3547


 74.0480, 0.3387,
0.3214

 51.5387, 0.2335,
0.3580

 74.1603, 0.3372,
0.3193

 51.3972, 0.2333,
0.3600

 74.2739, 0.3357,
0.3172

 74.3890, 0.3342,
0.3151

Harmonies

Analogous

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



59.8239, 0.2993, 0.3552



59.8239, 0.2806, 0.3352



59.8239, 0.2705, 0.3142

Triad

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



59.8239, 0.2806, 0.3352



59.8239, 0.3021, 0.2937



59.8239, 0.3558, 0.3583

Complementary

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



59.8239, 0.2806, 0.3352



42.7834, 0.3574, 0.3230

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.



59.8239, 0.3569, 0.3412



59.8239, 0.2806, 0.3352



59.8239, 0.3253, 0.3048

Square

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



59.8239, 0.2806, 0.3352



59.8239, 0.2826, 0.2912



59.8239, 0.3455, 0.3218



59.8239, 0.3429, 0.3683

Rectangle

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



59.8239, 0.2806, 0.3352



59.8239, 0.2697, 0.3028



59.8239, 0.3455, 0.3218



59.8239, 0.3576, 0.3531

Sweetspot

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



59.8263, 0.2806, 0.3352



96.6576, 0.3028, 0.3307



58.4273, 0.3133, 0.3955



20.6301, 0.3020, 0.3308



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.



59.8263, 0.2806, 0.3352



88.1095, 0.2741, 0.3368



50.4537, 0.2755, 0.3028



14.0858, 0.2996, 0.3313



31.4030, 0.2332, 0.3595



1.9003, 0.2316, 0.3537

Inverse Universe

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



42.7834, 0.3574, 0.3230



57.9734, 0.3710, 0.3216



50.3797, 0.3566, 0.3538



12.4405, 0.3276, 0.3267



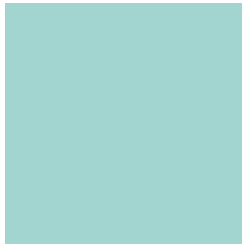
8.6810, 0.6279, 0.3233



0.5305, 0.5960, 0.3057

Previews

White Background



This preview shows how the Yxy color 59.8239, 0.2806, 0.3352 looks on a white background.

Color Contrast Check

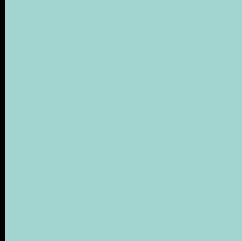
Large Text (above 18pt) WCAG AA × Fail

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 59.8239, 0.2806, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

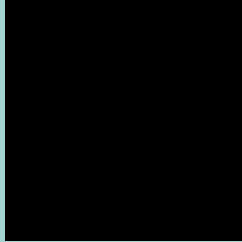
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

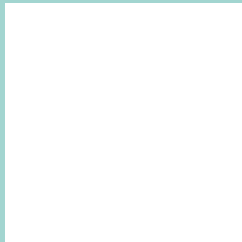
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8239, 0.2806, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 59.8239, 0.2806, 0.3352.

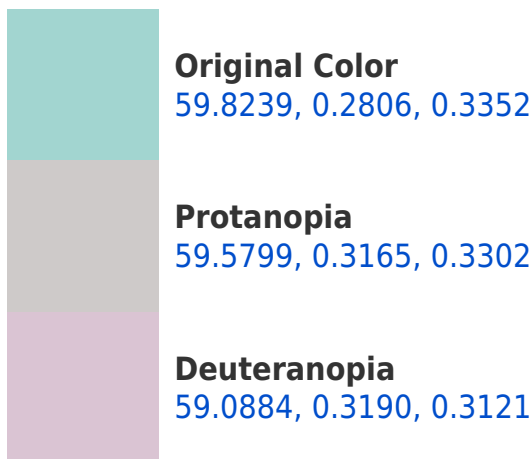


This preview shows how white text looks on a background with the Yxy color 59.8239, 0.2806, 0.3352.

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





Tritanopia

59.7462, 0.2716, 0.3083

Trichromacy



Original Color

59.8239, 0.2806, 0.3352

Protanomaly

59.4494, 0.3021, 0.3314

Deuteranomaly

58.9000, 0.3040, 0.3195

Tritanomaly

59.7552, 0.2752, 0.3178

Monochromacy



Original Color

59.8239, 0.2806, 0.3352

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.1193, 0.2998, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8239, 0.2806, 0.3352 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(162, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 213, 208)  
}
```

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(162, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 213, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.8239, 0.2806, 0.3352 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(162, 213, 208) }
```

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

```
.border{ border-color:rgb(162, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 213,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8239, 0.2806, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 213, 208) }
```

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

```
.background{ background-color: rgb(162,  
213, 208) }
```

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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