

Converting Colors

Yxy(59.4807, 0.2835, 0.3424)

Have a look what the booklet for
Yxy(59.4807, 0.2835, 0.3424)
contains.

Yxy(59.4298, 0.2836, 0.3429)	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(59.4298, 0.2836, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	A1D5CA
RGB	161, 213, 202
RGB Percent	63%, 84%, 79%
CMY	0.3685, 0.1647, 0.2080
CMYK	0.24, 0.00, 0.05, 0.16
HSL	167°, 38%, 73%
HSV	167°, 24%, 84%
XYZ	49.1522, 59.4298, 64.7332
YIQ	196.1980, -27.4610, -14.4450

Conversions

Conversions Part 2

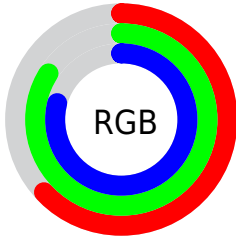
Format	Color
R _{YB}	161, 190, 213
Decimal	10606026
CIE _{Lab}	81.53, -19.04, -0.02
CIE _{LCh}	82, 19.043, 180.063
Y _{xy}	59.4298, 0.2836, 0.3429
Android (android.graphics.Color)	4288796106 (0xFFA1D5CA)
Y _{UV}	196.1980, 2.8604, -30.8686
Hunter-Lab	77.0907, -21.0991, 4.1776

Details

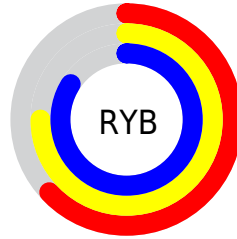
The Yxy color **59.4298, 0.2836, 0.3429** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6254, 0.3528, 0.3156**, and the grayscale version is **55.3241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **29.7800, 0.2761, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **57.1930, 0.2731, 0.3495**, and if you desaturate by 10%, it is **62.0547, 0.2951, 0.3368**.

Distribution



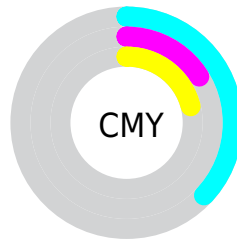
- Red (63%)
- Green (84%)
- Blue (79%)



- Red (63%)
- Yellow (75%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)





- Cyan (37%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4298, 0.2836, 0.3429 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 59.4298, 0.2836, 0.3429 by changing the saturation by 10% instead.


 59.4298, 0.2836,
0.3429


 59.4298, 0.2836,
0.3429


422.4928, 0.2975,
0.3363

 42.9592, 0.2803,
0.3445


 104.0021, 0.2885,
0.3405

 29.8531, 0.2761,
0.3465


 132.8725, 0.2904,
0.3396

 19.7271, 0.2708,
0.3490


166.6451, 0.2920,
0.3389

 12.1968, 0.2636,
0.3524

205.7041, 0.2934,
0.3382

 6.8779, 0.2534,
0.3573

250.4340, 0.2947,
0.3376

 3.3858, 0.2380,
0.3646

301.2192, 0.2957,

 1.3363, 0.2112,

0.3371

358.4440, 0.2967,
0.3367

0.3773

0.1691, 0.0000,
0.4768

0.0000, 0.0000,
0.0000

59.4298, 0.2836,
0.3429

59.4298, 0.2836,
0.3429

57.1930, 0.2731,
0.3495

62.0547, 0.2951,
0.3368

55.3179, 0.2638,
0.3565

65.0783, 0.3072,
0.3313

53.7860, 0.2561,
0.3638

68.5195, 0.3198,
0.3263

52.5745, 0.2501,
0.3715

72.3942, 0.3325,
0.3218

■ 51.6575, 0.2461,
0.3793

■ 74.2639, 0.3358,
0.3174

■ 51.0052, 0.2440,
0.3871

■ 74.5136, 0.3326,
0.3129

■ 50.5812, 0.2438,
0.3949

■ 74.7698, 0.3294,
0.3085

■ 50.4085, 0.2442,
0.3992

■ 75.0327, 0.3262,
0.3041

■ 75.3022, 0.3230,
0.2997

Harmonies

Analogous

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



59.4298, 0.3057, 0.3627



59.4298, 0.2836, 0.3429



59.4298, 0.2695, 0.3197

Triad

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



59.4298, 0.2836, 0.3429



59.4298, 0.2940, 0.2892



59.4298, 0.3611, 0.3552

Complementary

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



59.4298, 0.2836, 0.3429



42.6254, 0.3528, 0.3156

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.



59.4298, 0.3579, 0.3355



59.4298, 0.2836, 0.3429



59.4298, 0.3184, 0.2984

Square

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



59.4298, 0.2836, 0.3429



59.4298, 0.2753, 0.2896



59.4298, 0.3420, 0.3151



59.4298, 0.3507, 0.3691

Rectangle

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



59.4298, 0.2836, 0.3429



59.4298, 0.2662, 0.3060



59.4298, 0.3420, 0.3151



59.4298, 0.3616, 0.3490

Sweetspot

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



59.4322, 0.2836, 0.3429



96.5285, 0.3039, 0.3327



58.9673, 0.3177, 0.3960



20.6002, 0.3032, 0.3330



0.0000, 0.0000, 0.0000



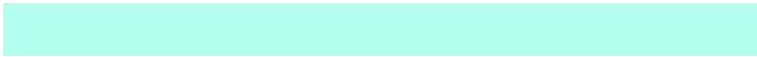
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4322, 0.2836, 0.3429



87.5991, 0.2783, 0.3461



52.8980, 0.2754, 0.3101



14.0606, 0.3011, 0.3340



30.8061, 0.2439, 0.3980



1.8696, 0.2402, 0.3847

Inverse Universe

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



42.6254, 0.3528, 0.3156



58.3482, 0.3636, 0.3128



47.6737, 0.3593, 0.3471



12.4635, 0.3258, 0.3241



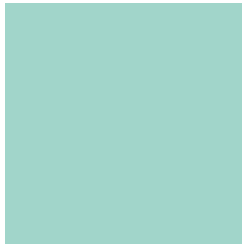
8.7702, 0.6029, 0.3095



0.5414, 0.5541, 0.2826

Previews

White Background



This preview shows how the Yxy color 59.4298, 0.2836, 0.3429 looks on a white background.

Color Contrast Check

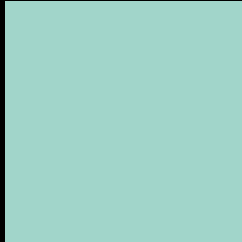
Large Text (above 18pt) WCAG AA × Fail

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 59.4298, 0.2836, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

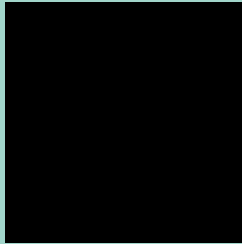
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

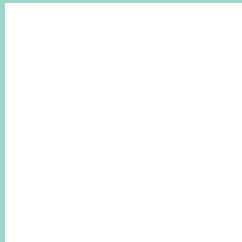
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4298, 0.2836, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 59.4298, 0.2836, 0.3429.

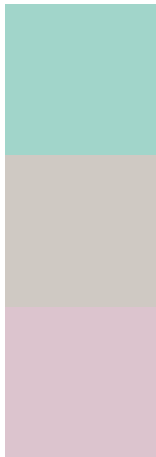


This preview shows how white text looks on a background with the Yxy color 59.4298, 0.2836, 0.3429.

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

59.4298, 0.2836, 0.3429

Protanopia

58.9788, 0.3218, 0.3361

Deuteranopia

59.1517, 0.3244, 0.3177



Tritanopia

59.1989, 0.2720, 0.3082

Trichromacy



Original Color

59.4298, 0.2836, 0.3429

Protanomaly

58.6870, 0.3063, 0.3375

Deuteranomaly

58.7910, 0.3083, 0.3254

Tritanomaly

58.9955, 0.2762, 0.3202

Monochromacy



Original Color

59.4298, 0.2836, 0.3429

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.3856, 0.3011, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4298, 0.2836, 0.3429 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(161, 213, 202)` looks like.

```
.text, #text, p{  
    color:rgb(161, 213, 202)  
}
```

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(161, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 213, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.4298, 0.2836, 0.3429 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(161, 213, 202) }
```

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

```
.border{ border-color:rgb(161, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(161, 213,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4298, 0.2836, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 213, 202) }
```

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

```
.background{ background-color: rgb(161,  
213, 202) }
```

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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