

Converting Colors

$Yxy(59.1855, 0.2724, 0.3169)$

Have a look what the booklet for
Yxy(59.1855, 0.2724, 0.3169)
contains.

Yxy(59.3329, 0.2727, 0.3178)	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(59.3329, 0.2727, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	A1D3DC
RGB	161, 211, 220
RGB Percent	63%, 83%, 86%
CMY	0.3685, 0.1726, 0.1374
CMYK	0.27, 0.04, 0.00, 0.14
HSL	189°, 46%, 75%
HSV	189°, 27%, 86%
XYZ	50.9128, 59.3329, 76.4532
YIQ	197.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

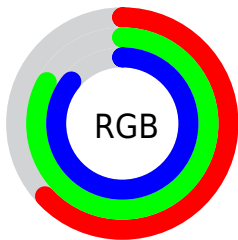
Format	Color
RYB	161, 188, 220
Decimal	10605532
CIELab	81.47, -14.08, -9.70
CIELCh	81, 17.099, 214.577
Yxy	59.3329, 0.2727, 0.3178
Android (android.graphics.Color)	4288795612 (0xFFA1D3DC)
YUV	197.0760, 11.3015, -31.6387
Hunter-Lab	77.0279, -16.8163, -4.9282

Details

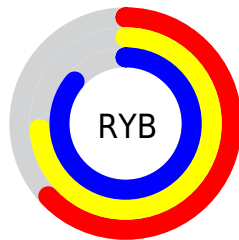
The Yxy color **59.3329, 0.2727, 0.3178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5378, 0.3675, 0.3399**, and the grayscale version is **55.8334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **29.6817, 0.2629, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **55.6010, 0.2592, 0.3130**, and if you desaturate by 10%, it is **63.5062, 0.2872, 0.3223**.

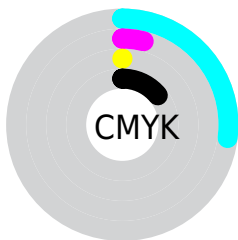
Distribution



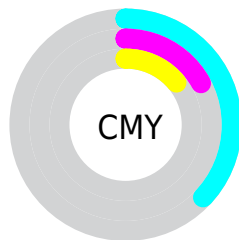
- Red (63%)
- Green (83%)
- Blue (86%)



- Red (63%)
- Yellow (74%)
- Blue (86%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)





- Cyan (37%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3329, 0.2727, 0.3178 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 59.3329, 0.2727, 0.3178 by changing the saturation by 10% instead.


 59.3329, 0.2727,
0.3178


 59.3329, 0.2727,
0.3178


422.1345, 0.2917,
0.3235

 42.8812, 0.2683,
0.3164


 103.8613, 0.2794,
0.3199

 29.7919, 0.2627,
0.3146


 132.7068, 0.2819,
0.3206

 19.6807, 0.2556,
0.3121


166.4524, 0.2841,
0.3213

 12.1631, 0.2462,
0.3088

205.4823, 0.2860,
0.3219

 6.8549, 0.2332,
0.3038

250.1811, 0.2877,
0.3223

 3.3715, 0.2139,
0.2959

300.9332, 0.2892,

 1.3286, 0.1829,

0.3228

0.2813

358.1228, 0.2905,
0.3231

0.1632, 0.0000,
0.1601

0.0000, 0.0000,
0.0000

59.3329, 0.2727,
0.3178

59.3329, 0.2727,
0.3178

55.6010, 0.2592,
0.3130

63.5062, 0.2872,
0.3223

52.2821, 0.2469,
0.3080

68.1336, 0.3023,
0.3264

49.3554, 0.2362,
0.3027

73.2357, 0.3177,
0.3302

46.7952, 0.2273,
0.2973

78.8300, 0.3332,
0.3336

■ 44.5726, 0.2202,
0.2919

■ 81.7656, 0.3371,
0.3368

■ 42.6536, 0.2151,
0.2864

■ 83.6221, 0.3366,
0.3402

■ 40.9947, 0.2118,
0.2811

■ 85.5145, 0.3361,
0.3434

■ 40.4925, 0.2109,
0.2793

■ 87.4428, 0.3357,
0.3467

■ 89.4074, 0.3352,
0.3500

Harmonies

Analogous

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



59.3329, 0.2841, 0.3384



59.3329, 0.2727, 0.3178



59.3329, 0.2716, 0.3013

Triad

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



59.3329, 0.2727, 0.3178



59.3329, 0.3213, 0.3033



59.3329, 0.3446, 0.3661

Complementary

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



59.3329, 0.2727, 0.3178



46.5378, 0.3675, 0.3399

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.



59.3329, 0.3555, 0.3550



59.3329, 0.2727, 0.3178



59.3329, 0.3418, 0.3191

Square

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



59.3329, 0.2727, 0.3178



59.3329, 0.2990, 0.2938



59.3329, 0.3545, 0.3378



59.3329, 0.3254, 0.3672

Rectangle

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



59.3329, 0.2727, 0.3178



59.3329, 0.2768, 0.2946



59.3329, 0.3545, 0.3378



59.3329, 0.3494, 0.3634

Sweetspot

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



59.3353, 0.2727, 0.3178



94.3697, 0.3003, 0.3259



61.6471, 0.3036, 0.3938



19.9827, 0.2980, 0.3253



0.0000, 0.0000, 0.0000



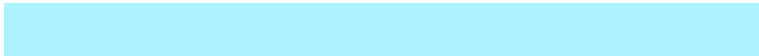
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3353, 0.2727, 0.3178



80.0026, 0.2652, 0.3152



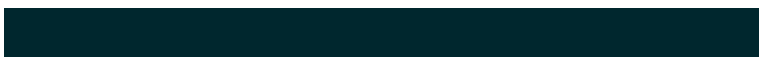
46.0666, 0.2690, 0.2799



14.4744, 0.2982, 0.3254



23.9053, 0.2112, 0.2802



1.6420, 0.2136, 0.2889

Inverse Universe

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



45.4185, 0.3235, 0.2720



57.7468, 0.3261, 0.2602



58.7893, 0.3587, 0.3736



13.2390, 0.3161, 0.3094



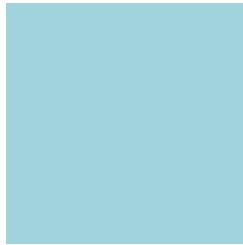
11.0370, 0.3633, 0.1775



0.7245, 0.3553, 0.1731

Previews

White Background



This preview shows how the Yxy color 59.3329, 0.2727, 0.3178 looks on a white background.

Color Contrast Check

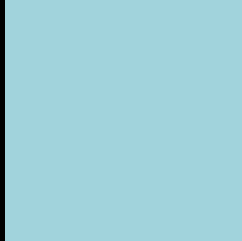
Large Text (above 18pt) WCAG AA × Fail

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 59.3329, 0.2727, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

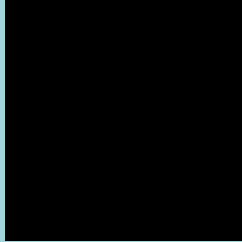
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

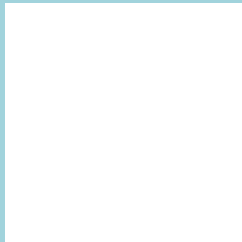
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3329, 0.2727, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 59.3329, 0.2727, 0.3178.

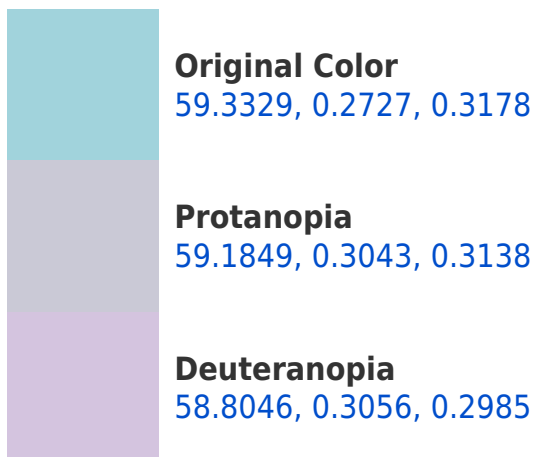


This preview shows how white text looks on a background with the Yxy color 59.3329, 0.2727, 0.3178.

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

59.4258, 0.2697, 0.3082

Trichromacy



Original Color

59.3329, 0.2727, 0.3178

Protanomaly

59.1853, 0.2920, 0.3158

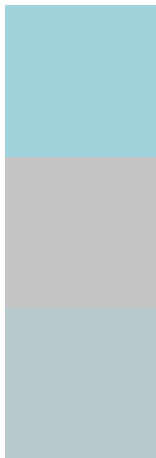
Deuteranomaly

58.3847, 0.2922, 0.3043

Tritanomaly

59.1564, 0.2708, 0.3117

Monochromacy



Original Color

59.3329, 0.2727, 0.3178

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.8392, 0.2971, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3329, 0.2727, 0.3178 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, 211, 220)` looks like.

```
.text, #text, p{  
    color:rgb(161, 211, 220)  
}
```

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, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 211, 220) }
```

Border

The CSS property to change the border of an element to Yxy 59.3329, 0.2727, 0.3178 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, 211, 220) }
```

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

```
.border{ border-color:rgb(161, 211, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 211, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 211, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 211, 220);  
box-shadow:4px 4px 4px 4px rgb(161, 211,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3329, 0.2727, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 211, 220) }
```

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

```
.background{ background-color: rgb(161,  
211, 220) }
```

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