

Converting Colors

$Y_{xy}(60.3148, 0.2279, 0.3342)$

Have a look what the booklet for
Yxy(60.3148, 0.2279, 0.3342)
contains.

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Color

Yxy(60.5128, 0.2279, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	1CE3DF
RGB	28, 227, 223
RGB Percent	11%, 89%, 87%
CMY	0.8885, 0.1098, 0.1254
CMYK	0.87, 0.00, 0.02, 0.11
HSL	179°, 78%, 50%
HSV	179°, 87%, 89%
XYZ	41.2777, 60.5128, 79.3314
YIQ	167.0430, -117.3200, -43.4320

Conversions

Conversions Part 2

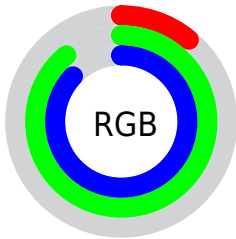
Format	Color
R_{YB}	28, 129, 227
Decimal	1893343
CIE _{Lab}	82.12, -44.27, -10.80
CIE _{LCh}	82, 45.571, 193.710
Yxy	60.5128, 0.2279, 0.3341
Android (android.graphics.Color)	4280083423 (0xFF1CE3DF)
YUV	167.0430, 27.5868, -121.9407
Hunter-Lab	77.7900, -41.4151, -6.0118

Details

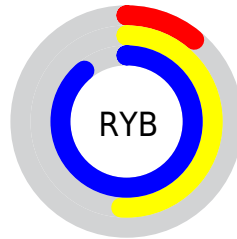
The Yxy color **60.5128, 0.2279, 0.3341** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **17.2866, 0.6144, 0.3281**, and the grayscale version is **38.6348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5916, 0.2440, 0.3288**, and **31.9530, 0.2261, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **60.2747, 0.2266, 0.3347**, and if you desaturate by 10%, it is **60.9937, 0.2308, 0.3335**.

Distribution



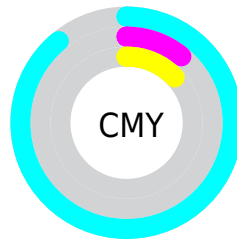
- Red (11%)
- Green (89%)
- Blue (87%)



- Red (11%)
- Yellow (51%)
- Blue (89%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)





- Cyan (89%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5128, 0.2279, 0.3341 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 60.5128, 0.2279, 0.3341 by changing the saturation by 10% instead.


 60.5128, 0.2279,
0.3341


 60.5128, 0.2279,
0.3341

426.4854, 0.2673,
0.3328


 43.8321, 0.2189,
0.3341


 105.5732, 0.2416,
0.3339

 30.5385, 0.2079,
0.3339


 134.7217, 0.2469,
0.3338


 20.2477, 0.1940,
0.3334

 168.7949, 0.2515,
0.3336

 12.5752, 0.1762,
0.3322

 208.1772, 0.2555,
0.3334

 7.1367, 0.1524,
0.3296

 253.2530, 0.2590,
0.3333

 3.5477, 0.1199,
0.3237

304.4067, 0.2621,

 1.4239, 0.0436,

0.3331

0.3198

362.0227, 0.2648,
0.3330

■ 0.2343, 0.0000,
0.1881

■ 0.0000, 0.0000,
0.0000

■ 60.5128, 0.2279,
0.3341

■ 60.5128, 0.2279,
0.3341

■ 60.2747, 0.2266,
0.3347

■ 60.9937, 0.2308,
0.3335

■ 60.2316, 0.2264,
0.3349

■ 61.7600, 0.2356,
0.3328

■ 62.8510, 0.2423,
0.3322

■ 64.2981, 0.2510,
0.3315

66.1290, 0.2614,
0.3309

68.3686, 0.2735,
0.3304

71.0400, 0.2869,
0.3298

74.1641, 0.3014,
0.3293

77.7609, 0.3166,
0.3289

Harmonies

Analogous

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



60.5128, 0.2691, 0.3929



60.5128, 0.2279, 0.3341



60.5128, 0.2092, 0.2807

Triad

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



60.5128, 0.2279, 0.3341



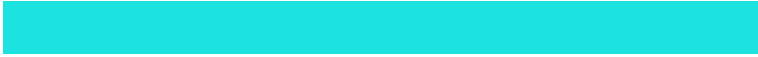
60.5128, 0.2921, 0.2478



60.5128, 0.4185, 0.4027

Complementary

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



60.5128, 0.2279, 0.3341



17.2866, 0.6144, 0.3281

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.



60.5128, 0.4286, 0.3601



60.5128, 0.2279, 0.3341



60.5128, 0.3516, 0.2754

Square

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



60.5128, 0.2279, 0.3341



60.5128, 0.2434, 0.2374



60.5128, 0.4036, 0.3150



60.5128, 0.3795, 0.4315

Rectangle

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



60.5128, 0.2279, 0.3341



60.5128, 0.2102, 0.2561



60.5128, 0.4036, 0.3150



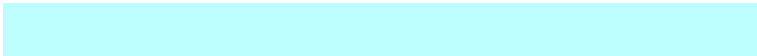
60.5128, 0.4256, 0.3894

Sweetspot

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



60.5151, 0.2279, 0.3341



89.4354, 0.2752, 0.3303



55.3772, 0.3016, 0.5887



18.9065, 0.2707, 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.



60.5151, 0.2279, 0.3341



78.4161, 0.2264, 0.3349



22.9389, 0.1883, 0.1884



16.3312, 0.2984, 0.3294



35.1326, 0.2263, 0.3348



2.5978, 0.2261, 0.3339

Inverse Universe

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



17.2866, 0.6144, 0.3281



21.2712, 0.6387, 0.3292



30.1115, 0.5253, 0.4083



14.3726, 0.3289, 0.3286



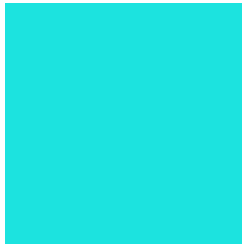
9.5321, 0.6379, 0.3288



0.7060, 0.6317, 0.3253

Previews

White Background



This preview shows how the Yxy color 60.5128, 0.2279, 0.3341 looks on a white background.

Color Contrast Check

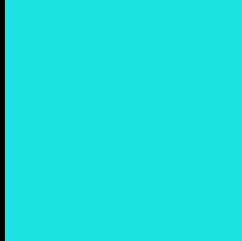
Large Text (above 18pt) WCAG AA × Fail

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 60.5128, 0.2279, 0.3341 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 60.5128, 0.2279, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 60.5128, 0.2279, 0.3341.

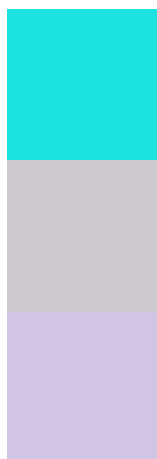


This preview shows how white text looks on a background with the Yxy color 60.5128, 0.2279, 0.3341.

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

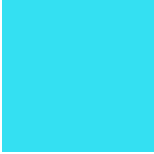
60.5128, 0.2279, 0.3341

Protanopia

59.1157, 0.3107, 0.3220

Deuteranopia

59.2010, 0.2985, 0.2919



Tritanopia

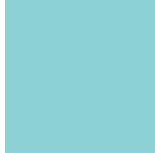
60.4522, 0.2228, 0.3055

Trichromacy



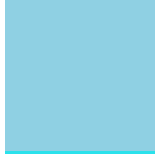
Original Color

60.5128, 0.2279, 0.3341



Protanomaly

56.4727, 0.2640, 0.3250



Deuteranomaly

56.4974, 0.2577, 0.3049



Tritanomaly

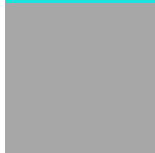
60.3622, 0.2244, 0.3156

Monochromacy



Original Color

60.5128, 0.2279, 0.3341



Achromatopsia

38.6429, 0.3127, 0.3290



Achromatomaly

43.7650, 0.2616, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5128, 0.2279, 0.3341 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(28, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(28, 227, 223)  
}
```

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(28, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 227, 223) }
```

Border

The CSS property to change the border of an element to Yxy 60.5128, 0.2279, 0.3341 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(28, 227, 223) }
```

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

```
.border{ border-color:rgb(28, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(28, 227,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5128, 0.2279, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 227, 223) }
```

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

```
.background{ background-color: rgb(28, 227,  
223) }
```

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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