

Converting Colors

$Yxy(60.0492, 0.2316, 0.3388)$

Have a look what the booklet for
Yxy(60.0492, 0.2316, 0.3388)
contains.

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Color

Yxy(60.0880, 0.2314, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	2EE2DB
RGB	46, 226, 219
RGB Percent	18%, 89%, 86%
CMY	0.8195, 0.1137, 0.1411
CMYK	0.80, 0.00, 0.03, 0.11
HSL	178°, 76%, 53%
HSV	178°, 80%, 89%
XYZ	41.1128, 60.0880, 76.4692
YIQ	171.3820, -105.0330, -40.3370

Conversions

Conversions Part 2

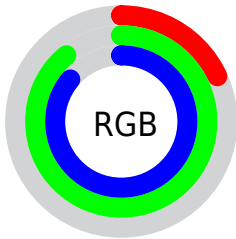
Format	Color
RYB	46, 138, 226
Decimal	3072731
CIELab	81.89, -43.78, -9.01
CIELCh	82, 44.702, 191.624
Yxy	60.0880, 0.2314, 0.3382
Android (android.graphics.Color)	4281262811 (0xFF2EE2DB)
YUV	171.3820, 23.4757, -109.9600
Hunter-Lab	77.5164, -40.9817, -4.2275

Details

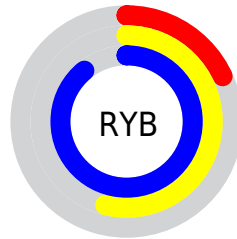
The Yxy color **60.0880, 0.2314, 0.3382** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **18.3822, 0.5833, 0.3251**, and the grayscale version is **40.8523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1000, 0.2464, 0.3288**, and **31.4298, 0.2276, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **59.6500, 0.2290, 0.3395**, and if you desaturate by 10%, it is **60.8067, 0.2357, 0.3369**.

Distribution



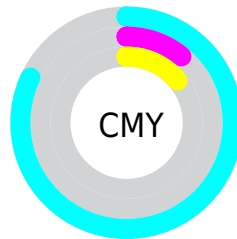
- Red (18%)
- Green (89%)
- Blue (86%)



- Red (18%)
- Yellow (54%)
- Blue (89%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)





- Cyan (82%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0880, 0.2314, 0.3382 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 60.0880, 0.2314, 0.3382 by changing the saturation by 10% instead.


 60.0880, 0.2314,
0.3382


 60.0880, 0.2314,
0.3382


424.9221, 0.2694,
0.3348

 43.4896, 0.2227,
0.3387


 104.9573, 0.2446,
0.3372

 30.2694, 0.2120,
0.3392


 133.9970, 0.2497,
0.3368

 20.0432, 0.1985,
0.3396


 167.9525, 0.2541,
0.3364

 12.4264, 0.1810,
0.3397

 207.2083, 0.2580,
0.3360

 7.0348, 0.1576,
0.3389

 252.1488, 0.2613,
0.3357

 3.4839, 0.1252,
0.3359

303.1583, 0.2643,

 1.3893, 0.0443,

0.3354

360.6213, 0.2670,
0.3351

0.3386

0.2088, 0.0000,
0.1959

0.0000, 0.0000,
0.0000

60.0880, 0.2314,
0.3382

60.0880, 0.2314,
0.3382

59.6500, 0.2290,
0.3395

60.8067, 0.2357,
0.3369


59.4223, 0.2280,
0.3407


61.8373, 0.2418,
0.3356


59.4153, 0.2280,
0.3408

63.2142, 0.2500,
0.3344


64.9655, 0.2599,
0.3332

 67.1164, 0.2715,
0.3320

 69.6899, 0.2844,
0.3309

 72.7074, 0.2984,
0.3299

 76.1887, 0.3133,
0.3290

 80.1525, 0.3286,
0.3281

Harmonies

Analogous

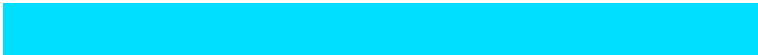
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0880, 0.2734, 0.3953



60.0880, 0.2314, 0.3382



60.0880, 0.2113, 0.2847

Triad

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



60.0880, 0.2314, 0.3382



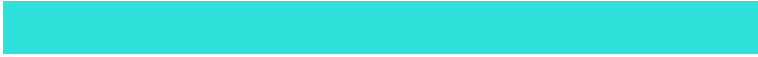
60.0880, 0.2887, 0.2477



60.0880, 0.4186, 0.3991

Complementary

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



60.0880, 0.2314, 0.3382



18.3822, 0.5833, 0.3251

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.



60.0880, 0.4261, 0.3566



60.0880, 0.2314, 0.3382



60.0880, 0.3469, 0.2738

Square

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



60.0880, 0.2314, 0.3382



60.0880, 0.2418, 0.2388



60.0880, 0.3992, 0.3123



60.0880, 0.3818, 0.4286

Rectangle

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



60.0880, 0.2314, 0.3382



60.0880, 0.2111, 0.2594



60.0880, 0.3992, 0.3123



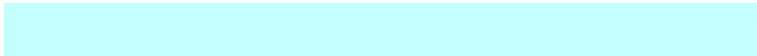
60.0880, 0.4248, 0.3857

Sweetspot

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



60.0903, 0.2314, 0.3382



90.0312, 0.2784, 0.3314



55.4032, 0.3036, 0.5747



19.0164, 0.2738, 0.3318



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.



60.0903, 0.2314, 0.3382



78.2102, 0.2282, 0.3403



26.3276, 0.1967, 0.2073



15.5627, 0.2987, 0.3299



33.9008, 0.2279, 0.3406



2.3527, 0.2274, 0.3386

Inverse Universe

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



18.3822, 0.5833, 0.3251



21.5308, 0.6320, 0.3281



31.5493, 0.5084, 0.4066



13.7091, 0.3286, 0.3281



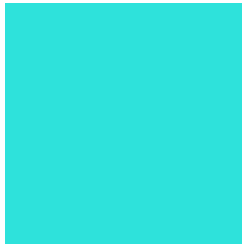
9.2392, 0.6358, 0.3276



0.6435, 0.6233, 0.3208

Previews

White Background



This preview shows how the Yxy color 60.0880, 0.2314, 0.3382 looks on a white background.

Color Contrast Check

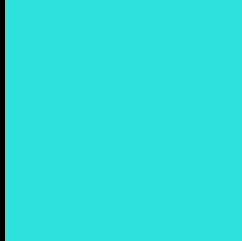
Large Text (above 18pt) WCAG AA × Fail

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 60.0880, 0.2314, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

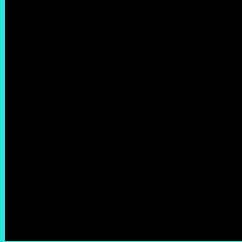
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0880, 0.2314, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 60.0880, 0.2314, 0.3382.

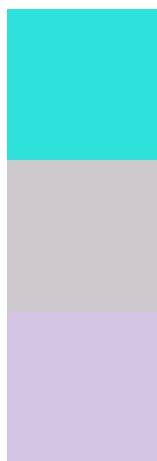


This preview shows how white text looks on a background with the Yxy color 60.0880, 0.2314, 0.3382.

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

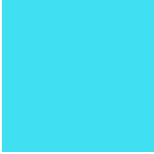
60.0880, 0.2314, 0.3382

Protanopia

59.1121, 0.3137, 0.3255

Deuteranopia

58.6725, 0.3020, 0.2951



Tritanopia

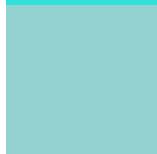
60.2162, 0.2252, 0.3055

Trichromacy



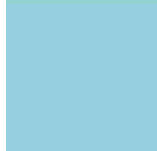
Original Color

60.0880, 0.2314, 0.3382



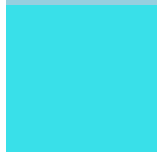
Protanomaly

56.8997, 0.2703, 0.3302



Deuteranomaly

56.4374, 0.2637, 0.3087



Tritanomaly

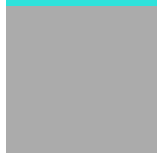
60.0644, 0.2271, 0.3169

Monochromacy



Original Color

60.0880, 0.2314, 0.3382



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

45.3281, 0.2669, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0880, 0.2314, 0.3382 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(46, 226, 219)` looks like.

```
.text, #text, p{  
  color:rgb(46, 226, 219)  
}
```

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(46, 226, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 226, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.0880, 0.2314, 0.3382 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(46, 226, 219) }
```

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

```
.border{ border-color:rgb(46, 226, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 226, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 226, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 226, 219);  
box-shadow:4px 4px 4px 4px rgb(46, 226,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0880, 0.2314, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 226, 219) }
```

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

```
.background{ background-color: rgb(46, 226,  
219) }
```

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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