

Converting Colors

$Yxy(56.7031, 0.2347, 0.3586)$

Have a look what the booklet for
Yxy(56.7031, 0.2347, 0.3586)
contains.

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Color

Yxy(56.6792, 0.2347, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	1ADEC9
RGB	26, 222, 201
RGB Percent	10%, 87%, 79%
CMY	0.8990, 0.1294, 0.2117
CMYK	0.88, 0.00, 0.09, 0.13
HSL	174°, 79%, 49%
HSV	174°, 88%, 87%
XYZ	37.0856, 56.6792, 64.2480
YIQ	161.0020, -110.0750, -48.0830

Conversions

Conversions Part 2

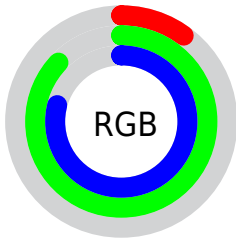
Format	Color
R _Y B	26, 130, 222
Decimal	1760969
CIE Lab	80.00, -48.42, -2.24
CIE LCh	80, 48.476, 182.643
Yxy	56.6792, 0.2347, 0.3587
Android (android.graphics.Color)	4279951049 (0xFF1ADEC9)
YUV	161.0020, 19.7190, -118.3968
Hunter-Lab	75.2856, -43.8209, 2.1024

Details

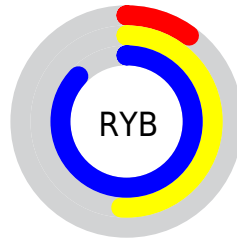
The Yxy color **56.6792, 0.2347, 0.3587** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **16.4627, 0.5999, 0.3186**, and the grayscale version is **35.5545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3848, 0.2430, 0.3288**, and **29.3790, 0.2346, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **56.3769, 0.2342, 0.3624**, and if you desaturate by 10%, it is **57.2050, 0.2368, 0.3550**.

Distribution



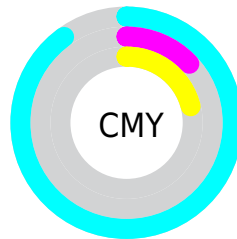
- Red (10%)
- Green (87%)
- Blue (79%)



- Red (10%)
- Yellow (51%)
- Blue (87%)



- Cyan (88%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)




- Cyan (90%)
- Magenta (13%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6792, 0.2347, 0.3587 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 56.6792, 0.2347, 0.3587 by changing the saturation by 10% instead.


 56.6792, 0.2347,
0.3587


 56.6792, 0.2347,
0.3587


412.2461, 0.2719,
0.3448


 40.7477, 0.2260,
0.3619

 99.9969, 0.2478,
0.3539


 28.1220, 0.2152,
0.3658


 128.1520, 0.2528,
0.3520

 18.4177, 0.2013,
0.3707


 161.1504, 0.2571,
0.3504

 11.2503, 0.1831,
0.3771

 199.3765, 0.2609,
0.3490

 6.2354, 0.1582,
0.3855

 243.2148, 0.2641,
0.3477

 2.9888, 0.1228,
0.3968

293.0495, 0.2670,

 1.1259, 0.0000,

0.3466

0.4425

349.2652, 0.2696,
0.3457

■ 0.0000, 0.0000,
0.0000

■ 56.6792, 0.2347,
0.3587

■ 56.6792, 0.2347,
0.3587

■ 56.3769, 0.2342,
0.3624

■ 57.2050, 0.2368,
0.3550

■ 56.3363, 0.2342,
0.3629

■ 58.0002, 0.2409,
0.3513

■ 59.1023, 0.2469,
0.3476

■ 60.5416, 0.2547,
0.3440

■ 62.3445, 0.2643,
0.3405

■ 64.5349, 0.2754,
0.3372

■ 67.1346, 0.2878,
0.3341

■ 70.1639, 0.3010,
0.3312

■ 73.6417, 0.3150,
0.3286

Harmonies

Analogous

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



56.6792, 0.2861, 0.4185



56.6792, 0.2347, 0.3587



56.6792, 0.2055, 0.2953

Triad

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



56.6792, 0.2347, 0.3587



56.6792, 0.2687, 0.2352



56.6792, 0.4357, 0.3916

Complementary

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



56.6792, 0.2347, 0.3587



16.4627, 0.5999, 0.3186

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.



56.6792, 0.4331, 0.3436



56.6792, 0.2347, 0.3587



56.6792, 0.3306, 0.2584

Square

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



56.6792, 0.2347, 0.3587



56.6792, 0.2237, 0.2316



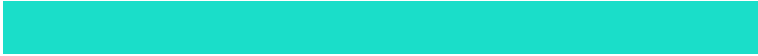
56.6792, 0.3931, 0.2967



56.6792, 0.4030, 0.4309

Rectangle

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



56.6792, 0.2347, 0.3587



56.6792, 0.2004, 0.2630



56.6792, 0.3931, 0.2967



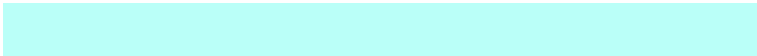
56.6792, 0.4391, 0.3760

Sweetspot

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



56.6814, 0.2347, 0.3587



88.7324, 0.2768, 0.3368



52.9654, 0.3053, 0.5868



18.7535, 0.2728, 0.3379



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.



56.6814, 0.2347, 0.3587



77.1054, 0.2342, 0.3632



26.2903, 0.1948, 0.2134



15.5458, 0.2996, 0.3315



33.4695, 0.2340, 0.3624



2.3273, 0.2324, 0.3567

Inverse Universe

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



16.4627, 0.5999, 0.3186



21.3405, 0.6301, 0.3245



24.9100, 0.5480, 0.3904



13.7243, 0.3275, 0.3265



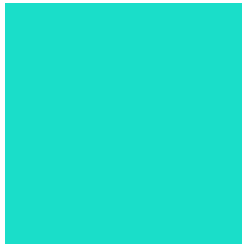
9.2707, 0.6269, 0.3227



0.6507, 0.5964, 0.3059

Previews

White Background



This preview shows how the Yxy color 56.6792, 0.2347, 0.3587 looks on a white background.

Color Contrast Check

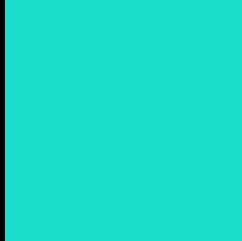
Large Text (above 18pt) WCAG AA × Fail

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 56.6792, 0.2347, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

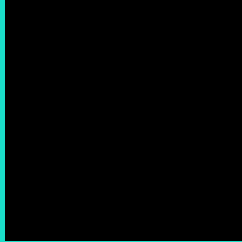
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

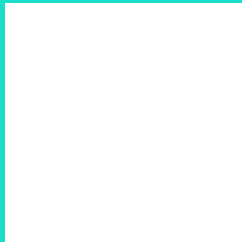
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6792, 0.2347, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 56.6792, 0.2347, 0.3587.

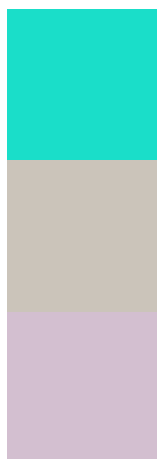


This preview shows how white text looks on a background with the Yxy color 56.6792, 0.2347, 0.3587.

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

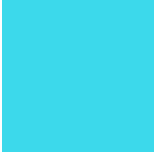
56.6792, 0.2347, 0.3587

Protanopia

55.7215, 0.3259, 0.3411

Deuteranopia

55.6646, 0.3161, 0.3093



Tritanopia

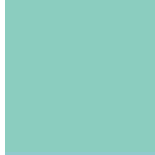
56.5845, 0.2245, 0.3049

Trichromacy



Original Color

56.6792, 0.2347, 0.3587



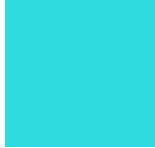
Protanomaly

52.9132, 0.2754, 0.3479



Deuteranomaly

52.5781, 0.2697, 0.3249



Tritanomaly

56.6191, 0.2277, 0.3233

Monochromacy



Original Color

56.6792, 0.2347, 0.3587



Achromatopsia

35.6400, 0.3127, 0.3290



Achromatomaly

40.4463, 0.2640, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6792, 0.2347, 0.3587 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(26, 222, 201)` looks like.

```
.text, #text, p{  
    color:rgb(26, 222, 201)  
}
```

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(26, 222, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 222, 201) }
```

Border

The CSS property to change the border of an element to Yxy 56.6792, 0.2347, 0.3587 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(26, 222, 201) }
```

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

```
.border{ border-color:rgb(26, 222, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 222, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 222, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 222, 201);  
box-shadow:4px 4px 4px 4px rgb(26, 222,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6792, 0.2347, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 222, 201) }
```

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

```
.background{ background-color: rgb(26, 222,  
201) }
```

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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