

Converting Colors

$Y_{xy}(57.3008, 0.2184, 0.3061)$

Have a look what the booklet for
Yxy(57.3008, 0.2184, 0.3061)
contains.

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Color

$\text{Yxy}(57.3073, 0.2184, 0.3061)$

Conversions

Conversions Part 1

Format	Color
Hex	01DCED
RGB	1, 220, 237
RGB Percent	0%, 86%, 93%
CMY	0.9970, 0.1372, 0.0706
CMYK	1.00, 0.07, 0.00, 0.07
HSL	184°, 99%, 47%
HSV	184°, 100%, 93%
XYZ	40.8883, 57.3073, 89.0220
YIQ	156.4570, -135.9810, -41.1410

Conversions

Conversions Part 2

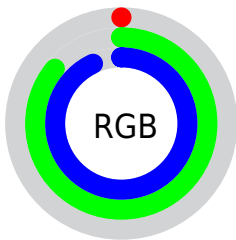
Format	Color
RYB	1, 115, 237
Decimal	122093
CIELab	80.35, -37.86, -20.89
CIELCh	80, 43.244, 208.887
Yxy	57.3073, 0.2184, 0.3061
Android (android.graphics.Color)	4278312173 (0xFF01DCED)
YUV	156.4570, 39.7077, -136.3358
Hunter-Lab	75.7016, -36.0655, -16.7315

Details

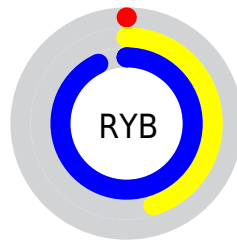
The Yxy color **57.3073, 0.2184, 0.3061** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **18.4303, 0.6355, 0.3333**, and the grayscale version is **33.2952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3174, 0.2426, 0.3288**, and **29.8871, 0.2165, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **57.2751, 0.2183, 0.3060**, and if you desaturate by 10%, it is **58.4037, 0.2204, 0.3085**.

Distribution



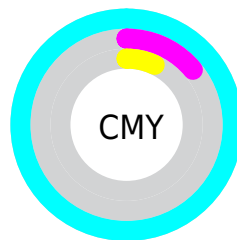
- Red (0%)
- Green (86%)
- Blue (93%)



- Red (0%)
- Yellow (45%)
- Blue (93%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)




- Cyan (100%)
- Magenta (14%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3073, 0.2184, 0.3061 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 57.3073, 0.2184, 0.3061 by changing the saturation by 10% instead.


 57.3073, 0.2184,
0.3061


 57.3073, 0.2184,
0.3061


 414.5998, 0.2621,
0.3187


 41.2520, 0.2085,
0.3027

 100.9134, 0.2335,
0.3109

 28.5161, 0.1965,
0.2983


 129.2331, 0.2394,
0.3126


 18.7150, 0.1814,
0.2923


 162.4096, 0.2445,
0.3141

 11.4645, 0.1622,
0.2837

 200.8275, 0.2489,
0.3153

 6.3802, 0.1371,
0.2709

 244.8710, 0.2528,
0.3163

 3.0776, 0.1038,
0.2503

 294.9247, 0.2562,

 1.1724, 0.0311,

0.3172

0.2209

351.3728, 0.2593,
0.3180

■ 0.0390, 0.0000,
0.0236

■ 0.0000, 0.0000,
0.0000

■ 57.3073, 0.2184,
0.3061

■ 57.3073, 0.2184,
0.3061

■ 57.2751, 0.2183,
0.3060

■ 58.4037, 0.2204,
0.3085

■ 59.7447, 0.2239,
0.3109

■ 61.4025, 0.2292,
0.3134

■ 63.4201, 0.2365,
0.3159

■ 65.8337, 0.2457,
0.3183

■ 68.6749, 0.2567,
0.3207

■ 71.9720, 0.2692,
0.3230

■ 75.7511, 0.2830,
0.3252

■ 80.0361, 0.2978,
0.3272

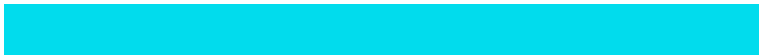
Harmonies

Analogous

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



57.3073, 0.2480, 0.3629



57.3073, 0.2184, 0.3061



57.3073, 0.2121, 0.2634

Triad

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



57.3073, 0.2184, 0.3061



57.3073, 0.3216, 0.2619



57.3073, 0.3989, 0.4172

Complementary

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



57.3073, 0.2184, 0.3061



18.4303, 0.6355, 0.3333

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.



57.3073, 0.4240, 0.3812



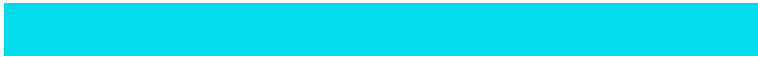
57.3073, 0.2184, 0.3061



57.3073, 0.3780, 0.2954

Square

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



57.3073, 0.2184, 0.3061



57.3073, 0.2675, 0.2429



57.3073, 0.4168, 0.3376



57.3073, 0.3516, 0.4319

Rectangle

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



57.3073, 0.2184, 0.3061



57.3073, 0.2209, 0.2470



57.3073, 0.4168, 0.3376



57.3073, 0.4104, 0.4068

Sweetspot

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



57.3094, 0.2184, 0.3061



84.8043, 0.2687, 0.3229



60.6093, 0.2991, 0.5965



17.7866, 0.2632, 0.3220



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.



57.3094, 0.2184, 0.3061



67.5929, 0.2183, 0.3059



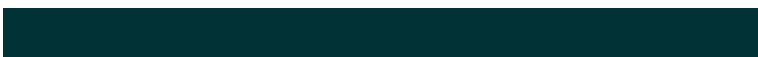
15.8470, 0.1707, 0.1342



16.9256, 0.2981, 0.3272



31.3546, 0.2185, 0.3064



2.5177, 0.2194, 0.3098

Inverse Universe

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



23.1881, 0.3401, 0.1648



27.3547, 0.3402, 0.1648



35.2311, 0.5227, 0.4229



15.2940, 0.3149, 0.3074



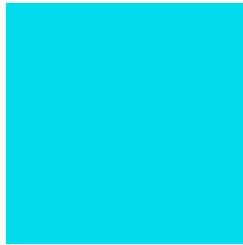
12.6581, 0.3398, 0.1646



0.9996, 0.3369, 0.1630

Previews

White Background



This preview shows how the Yxy color 57.3073, 0.2184, 0.3061 looks on a white background.

Color Contrast Check

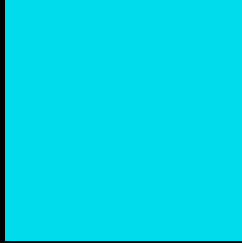
Large Text (above 18pt) WCAG AA × Fail

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 57.3073, 0.2184, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

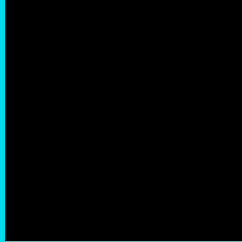
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3073, 0.2184, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 57.3073, 0.2184, 0.3061.

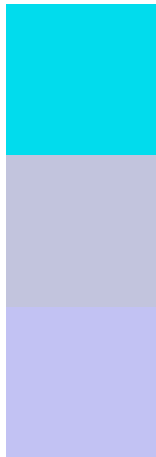


This preview shows how white text looks on a background with the Yxy color 57.3073, 0.2184, 0.3061.

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

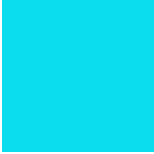
57.3073, 0.2184, 0.3061

Protanopia

56.1696, 0.2935, 0.2995

Deuteranopia

56.5240, 0.2790, 0.2732



Tritanopia

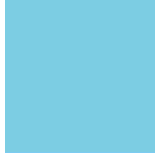
57.4306, 0.2185, 0.3048

Trichromacy



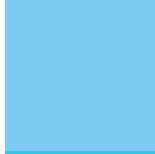
Original Color

57.3073, 0.2184, 0.3061



Protanomaly

53.4938, 0.2470, 0.3002



Deuteranomaly

53.3478, 0.2397, 0.2808



Tritanomaly

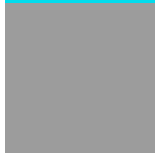
57.4046, 0.2183, 0.3048

Monochromacy



Original Color

57.3073, 0.2184, 0.3061



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

38.4523, 0.2504, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3073, 0.2184, 0.3061 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(1, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(1, 220, 237)  
}
```

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(1, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 220, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.3073, 0.2184, 0.3061 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(1, 220, 237) }
```

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

```
.border{ border-color:rgb(1, 220, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 220, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(1, 220,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3073, 0.2184, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 220, 237) }
```

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

```
.background{ background-color: rgb(1, 220,  
237) }
```

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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