

Converting Colors

Yxy(59.8326, 0.2425, 0.3929)

Have a look what the booklet for
Yxy(59.8326, 0.2425, 0.3929)
contains.

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Color

Yxy(60.0964, 0.2427, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	01E6B9
RGB	1, 230, 185
RGB Percent	0%, 90%, 73%
CMY	0.9978, 0.0980, 0.2746
CMYK	1.00, 0.00, 0.20, 0.10
HSL	168°, 100%, 45%
HSV	168°, 100%, 90%
XYZ	37.0564, 60.0964, 55.5312
YIQ	156.3990, -122.0390, -62.5430

Conversions

Conversions Part 2

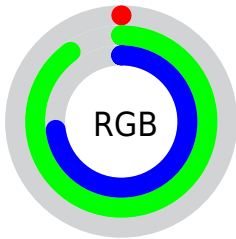
Format	Color
RYB	1, 128, 230
Decimal	124601
CIELab	81.89, -56.67, 8.98
CIELCh	82, 57.382, 170.992
Yxy	60.0964, 0.2427, 0.3936
Android (android.graphics.Color)	4278314681 (0xFF01E6B9)
YUV	156.3990, 14.1003, -136.2849
Hunter-Lab	77.5219, -50.3381, 11.7942

Details

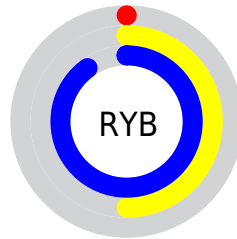
The Yxy color **60.0964, 0.2427, 0.3936** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **17.0290, 0.6107, 0.3140**, and the grayscale version is **33.3458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1859, 0.2470, 0.3454**, and **31.5531, 0.2463, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **60.0905, 0.2427, 0.3938**, and if you desaturate by 10%, it is **60.4776, 0.2422, 0.3865**.

Distribution



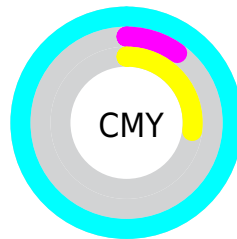
- Red (0%)
- Green (90%)
- Blue (73%)



- Red (0%)
- Yellow (50%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)




- Cyan (100%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0964, 0.2427, 0.3936 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 60.0964, 0.2427, 0.3936 by changing the saturation by 10% instead.

 60.0964, 0.2427,
0.3936


 60.0964, 0.2427,
0.3936

424.9530, 0.2765,
0.3616


 43.4963, 0.2347,
0.4015


 104.9695, 0.2547,
0.3821

 30.2747, 0.2246,
0.4115


 134.0113, 0.2593,
0.3777


 20.0472, 0.2116,
0.4246


 167.9692, 0.2632,
0.3740

 12.4294, 0.1942,
0.4426

 207.2275, 0.2666,
0.3708

 7.0368, 0.1701,
0.4687

 252.1706, 0.2695,
0.3681

 3.4851, 0.1348,
0.5094

303.1830, 0.2721,

 1.3899, 0.0000,

0.3657

0.6332

360.6490, 0.2744,
0.3635

■ 0.2093, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0964, 0.2427,
0.3936

■ 60.0964, 0.2427,
0.3936

■ 60.0905, 0.2427,
0.3938

■ 60.4776, 0.2422,
0.3865

■ 61.0824, 0.2433,
0.3793

■ 61.9801, 0.2464,
0.3721

■ 63.2107, 0.2515,
0.3650

■ 64.8077, 0.2584,
0.3581

■ 66.8006, 0.2670,
0.3514

■ 69.2158, 0.2771,
0.3451

■ 72.0775, 0.2883,
0.3392

■ 75.4080, 0.3004,
0.3338

Harmonies

Analogous

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



60.0964, 0.3078, 0.4528



60.0964, 0.2427, 0.3936



60.0964, 0.1995, 0.3155

Triad

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



60.0964, 0.2427, 0.3936



60.0964, 0.2391, 0.2181



60.0964, 0.4589, 0.3774

Complementary

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



60.0964, 0.2427, 0.3936



17.0290, 0.6107, 0.3140

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.



60.0964, 0.4391, 0.3228



60.0964, 0.2427, 0.3936



60.0964, 0.3035, 0.2362

Square

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



60.0964, 0.2427, 0.3936



60.0964, 0.1986, 0.2229



60.0964, 0.3791, 0.2733



60.0964, 0.4343, 0.4289

Rectangle

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



60.0964, 0.2427, 0.3936



60.0964, 0.1867, 0.2718



60.0964, 0.3791, 0.2733



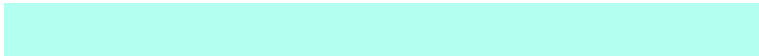
60.0964, 0.4575, 0.3591

Sweetspot

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



60.0987, 0.2427, 0.3936



87.3348, 0.2766, 0.3453



57.1858, 0.3063, 0.5949



18.4039, 0.2722, 0.3480



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.



60.0987, 0.2427, 0.3936



75.9259, 0.2428, 0.3942



31.2649, 0.1964, 0.2269



16.2854, 0.3008, 0.3336



34.0377, 0.2424, 0.3926



2.5277, 0.2395, 0.3822

Inverse Universe

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



17.0290, 0.6107, 0.3140



21.4906, 0.6125, 0.3148



21.1286, 0.5980, 0.3632



14.4140, 0.3262, 0.3244



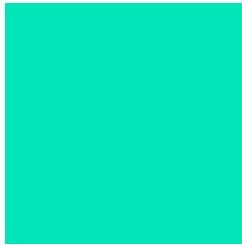
9.6457, 0.6079, 0.3123



0.7257, 0.5684, 0.2905

Previews

White Background



This preview shows how the Yxy color 60.0964, 0.2427, 0.3936 looks on a white background.

Color Contrast Check

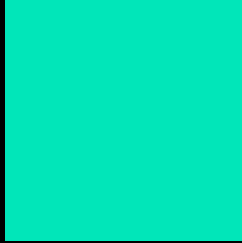
Large Text (above 18pt) WCAG AA × Fail

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 60.0964, 0.2427, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

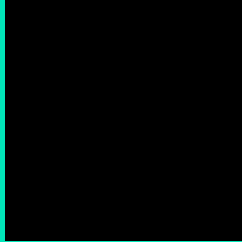
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

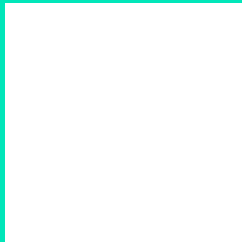
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0964, 0.2427, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 60.0964, 0.2427, 0.3936.

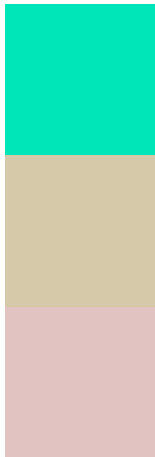


This preview shows how white text looks on a background with the Yxy color 60.0964, 0.2427, 0.3936.

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

60.1029, 0.2427, 0.3936

Protanopia

58.8217, 0.3455, 0.3657

Deuteranopia

58.8880, 0.3387, 0.3313



Tritanopia

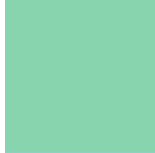
59.7990, 0.2263, 0.3055

Trichromacy



Original Color

60.1029, 0.2427, 0.3936



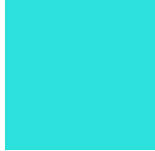
Protanomaly

55.4164, 0.2840, 0.3798



Deuteranomaly

54.6691, 0.2789, 0.3531



Tritanomaly

59.5532, 0.2303, 0.3355

Monochromacy



Original Color

60.1029, 0.2427, 0.3936



Achromatopsia

33.2452, 0.3127, 0.3290



Achromatomaly

39.3096, 0.2618, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0964, 0.2427, 0.3936 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, 230, 185)` looks like.

```
.text, #text, p{  
    color:rgb(1, 230, 185)  
}
```

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, 230, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 230, 185) }
```

Border

The CSS property to change the border of an element to Yxy 60.0964, 0.2427, 0.3936 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, 230, 185) }
```

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

```
.border{ border-color:rgb(1, 230, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 230, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 230, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 230, 185);  
box-shadow:4px 4px 4px 4px rgb(1, 230,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0964, 0.2427, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 230, 185) }
```

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

```
.background{ background-color: rgb(1, 230,  
185) }
```

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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