

Converting Colors

$Y_{xy}(73.6860, 0.2473, 0.4104)$

Have a look what the booklet for
Yxy(73.6860, 0.2473, 0.4104)
contains.

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Color

Yxy(73.3824, 0.2474, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	00FCBF
RGB	0, 252, 191
RGB Percent	0%, 99%, 75%
CMY	0.9993, 0.0118, 0.2510
CMYK	1.00, 0.00, 0.24, 0.01
HSL	165°, 100%, 49%
HSV	165°, 100%, 99%
XYZ	44.2153, 73.3824, 61.1222
YIQ	169.6980, -130.6110, -72.3950

Conversions

Conversions Part 2

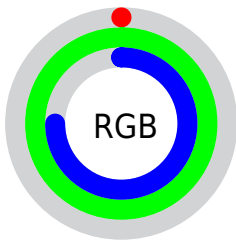
Format	Color
RYB	0, 143, 252
Decimal	64703
CIELab	88.63, -63.57, 15.41
CIELCh	89, 65.412, 166.373
Yxy	73.3824, 0.2474, 0.4106
Android (android.graphics.Color)	4278254783 (0xFF00FCBF)
YUV	169.6980, 10.5019, -148.8251
Hunter-Lab	85.6635, -57.7782, 17.6602

Details

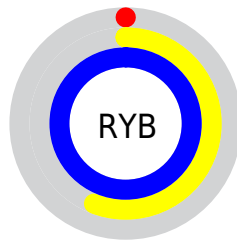
The Yxy color **73.3824, 0.2474, 0.4106** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **21.0385, 0.5996, 0.3077**, and the grayscale version is **40.0630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8802, 0.2462, 0.3381**, and **40.3897, 0.2522, 0.4278** is the 20% darker color. If you saturate the color by 10%, you get **73.3824, 0.2474, 0.4107**, and if you desaturate by 10%, it is **73.8700, 0.2463, 0.4016**.

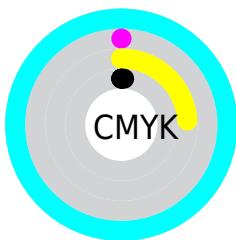
Distribution



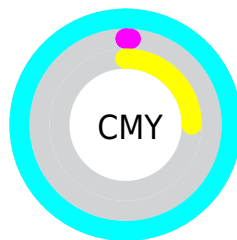
- Red (0%)
- Green (99%)
- Blue (75%)



- Red (0%)
- Yellow (56%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (1%)





- Cyan (100%)
- Magenta (1%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3824, 0.2474, 0.4106 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 73.3824, 0.2474, 0.4106 by changing the saturation by 10% instead.


 73.3824, 0.2474,
0.4106


 73.3824, 0.2474,
0.4106


472.3391, 0.2783,
0.3709

 54.2887, 0.2402,
0.4201


 124.0199, 0.2582,
0.3965

 38.8325, 0.2312,
0.4321


 156.3325, 0.2624,
0.3911


 26.6295, 0.2198,
0.4477


 193.8203, 0.2660,
0.3865

 17.2951, 0.2048,
0.4687

 236.8675, 0.2691,
0.3825

 10.4451, 0.1843,
0.4983

 285.8586, 0.2719,
0.3791

 5.6951, 0.1549,
0.5428


341.1779, 0.2743,


 2.6606, 0.0961,


0.3760


0.6257

403.2100, 0.2764,
0.3733

 0.9572, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 73.3824, 0.2474,
0.4106


 73.3824, 0.2474,
0.4106


 73.3824, 0.2474,
0.4107


 73.8700, 0.2463,
0.4016


 74.6371, 0.2469,
0.3925


 75.7687, 0.2496,
0.3834

 77.3154, 0.2542,
0.3743

 79.3196, 0.2607,
0.3656

 81.8183, 0.2689,
0.3572

 84.8446, 0.2785,
0.3492

 88.4290, 0.2892,
0.3419

 92.5992, 0.3007,
0.3351

Harmonies

Analogous

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



73.3824, 0.3184, 0.4672



73.3824, 0.2474, 0.4106



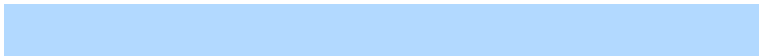
73.3824, 0.1979, 0.3263

Triad

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



73.3824, 0.2474, 0.4106



73.3824, 0.2262, 0.2110



73.3824, 0.4683, 0.3701

Complementary

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



73.3824, 0.2474, 0.4106



21.0385, 0.5996, 0.3077

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.



73.3824, 0.4400, 0.3132



73.3824, 0.2474, 0.4106



73.3824, 0.2908, 0.2268

Square

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



73.3824, 0.2474, 0.4106



73.3824, 0.1882, 0.2198



73.3824, 0.3711, 0.2629



73.3824, 0.4479, 0.4261

Rectangle

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



73.3824, 0.2474, 0.4106



73.3824, 0.1815, 0.2772



73.3824, 0.3711, 0.2629



73.3824, 0.4644, 0.3508

Sweetspot

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



73.3853, 0.2474, 0.4106



87.1276, 0.2784, 0.3493



70.6840, 0.3092, 0.5927



18.3540, 0.2742, 0.3526



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.



73.3853, 0.2474, 0.4106



75.3805, 0.2474, 0.4107



43.4440, 0.2012, 0.2443



19.5325, 0.3013, 0.3348



38.2491, 0.2470, 0.4091



3.5591, 0.2440, 0.3983

Inverse Universe

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



21.0385, 0.5996, 0.3077



21.6053, 0.5999, 0.3078



24.2656, 0.6106, 0.3533



17.2941, 0.3256, 0.3233



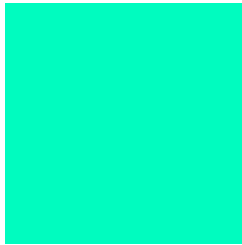
10.9755, 0.5957, 0.3055



1.0325, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 73.3824, 0.2474, 0.4106 looks on a white background.

Color Contrast Check

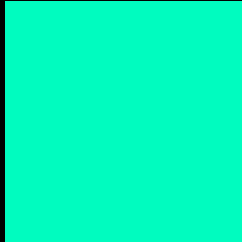
Large Text (above 18pt) WCAG AA × Fail

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 73.3824, 0.2474, 0.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

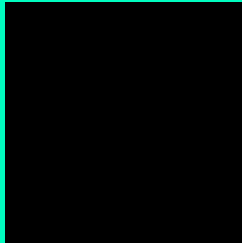
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

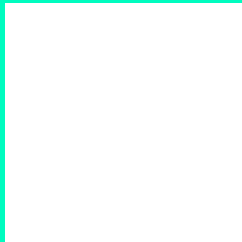
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3824, 0.2474, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 73.3824, 0.2474, 0.4106.



This preview shows how white text looks on a background with the Yxy color 73.3824, 0.2474, 0.4106.

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

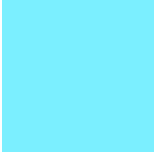
73.3824, 0.2474, 0.4106

Protanopia

71.8134, 0.3535, 0.3769

Deuteranopia

71.8984, 0.3492, 0.3426



Tritanopia

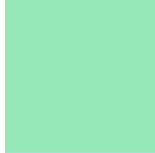
73.1640, 0.2419, 0.3101

Trichromacy



Original Color

73.3824, 0.2474, 0.4106



Protanomaly

67.4390, 0.2898, 0.3940



Deuteranomaly

66.3403, 0.2863, 0.3664



Tritanomaly

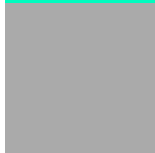
72.1473, 0.2386, 0.3438

Monochromacy



Original Color

73.3824, 0.2474, 0.4106



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

47.7111, 0.2640, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3824, 0.2474, 0.4106 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(0, 252, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 191)  
}
```

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(0, 252, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.3824, 0.2474, 0.4106 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(0, 252, 191) }
```

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

```
.border{ border-color:rgb(0, 252, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 252,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3824, 0.2474, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 191) }
```

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

```
.background{ background-color: rgb(0, 252,  
191) }
```

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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