

Converting Colors

$Y_{xy}(74.5084, 0.2239, 0.3264)$

Have a look what the booklet for
Yxy(74.5084, 0.2239, 0.3264)
contains.

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Color

Yxy(74.7164, 0.2240, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	01F9FB
RGB	1, 249, 251
RGB Percent	0%, 98%, 98%
CMY	0.9975, 0.0235, 0.0157
CMYK	1.00, 0.01, 0.00, 0.02
HSL	180°, 99%, 49%
HSV	180°, 100%, 98%
XYZ	51.2917, 74.7164, 102.9726
YIQ	175.0760, -148.4500, -51.9540

Conversions

Conversions Part 2

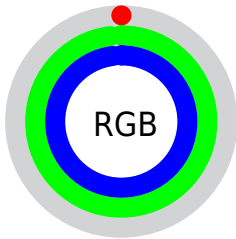
Format	Color
R_{YB}	1, 125, 251
Decimal	129531
CIE _{Lab}	89.26, -46.63, -14.83
CIE _{LCh}	89, 48.935, 197.642
Yxy	74.7164, 0.2240, 0.3263
Android (android.graphics.Color)	4278319611 (0xFF01F9FB)
YUV	175.0760, 37.4305, -152.6647
Hunter-Lab	86.4386, -45.3478, -10.1239

Details

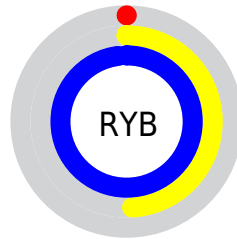
The Yxy color **74.7164, 0.2240, 0.3263** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **20.5653, 0.6394, 0.3303**, and the grayscale version is **42.7123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7331, 0.2446, 0.3288**, and **41.6394, 0.2234, 0.3241** is the 20% darker color. If you saturate the color by 10%, you get **74.7118, 0.2240, 0.3263**, and if you desaturate by 10%, it is **75.0545, 0.2252, 0.3266**.

Distribution



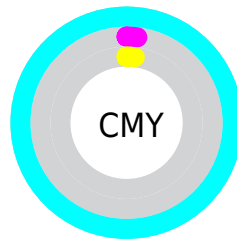
- Red (0%)
- Green (98%)
- Blue (98%)



- Red (0%)
- Yellow (49%)
- Blue (98%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)





- Cyan (100%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7164, 0.2240, 0.3263 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 74.7164, 0.2240, 0.3263 by changing the saturation by 10% instead.


 74.7164, 0.2240,
0.3263

 74.7164, 0.2240,
0.3263


476.9422, 0.2635,
0.3289


 55.3806, 0.2154,
0.3254

 125.9108, 0.2374,
0.3275

 39.7065, 0.2050,
0.3241


 158.5382, 0.2427,
0.3278

 27.3098, 0.1923,
0.3223


 196.3650, 0.2473,
0.3281

 17.8060, 0.1763,
0.3194

 239.7754, 0.2513,
0.3284

 10.8108, 0.1557,
0.3150

289.1540, 0.2549,
0.3286

 5.9398, 0.1287,
0.3073

344.8850, 0.2581,

 2.8085, 0.0928,

0.3287

0.2930

407.3530, 0.2609,
0.3288

■ 1.0326, 0.0000,
0.2760

■ 0.0000, 0.0000,
0.0000

■ 74.7164, 0.2240,
0.3263

■ 74.7164, 0.2240,
0.3263

■ 74.7118, 0.2240,
0.3263

■ 75.0545, 0.2252,
0.3266


■ 75.6614, 0.2279,
0.3268


■ 76.6192, 0.2324,
0.3271

■ 77.9778, 0.2389,
0.3274

 79.7787, 0.2473,
0.3277

 82.0585, 0.2576,
0.3279

 84.8498, 0.2696,
0.3282

 88.1825, 0.2831,
0.3285

 92.0841, 0.2977,
0.3288

Harmonies

Analogous

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



74.7164, 0.2626, 0.3859



74.7164, 0.2240, 0.3263



74.7164, 0.2085, 0.2750

Triad

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



74.7164, 0.2240, 0.3263



74.7164, 0.2996, 0.2504



74.7164, 0.4149, 0.4077

Complementary

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



74.7164, 0.2240, 0.3263



20.5653, 0.6394, 0.3303

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.



74.7164, 0.4294, 0.3660



74.7164, 0.2240, 0.3263



74.7164, 0.3594, 0.2800

Square

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



74.7164, 0.2240, 0.3263



74.7164, 0.2487, 0.2376



74.7164, 0.4088, 0.3207



74.7164, 0.3729, 0.4335

Rectangle

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



74.7164, 0.2240, 0.3263



74.7164, 0.2116, 0.2524



74.7164, 0.4088, 0.3207



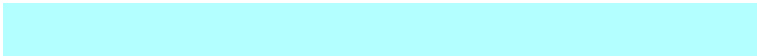
74.7164, 0.4234, 0.3948

Sweetspot

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



74.7192, 0.2240, 0.3263



87.8774, 0.2693, 0.3282



68.9915, 0.3000, 0.5999



18.5351, 0.2640, 0.3281



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.



74.7192, 0.2240, 0.3263



77.4551, 0.2240, 0.3263



21.8431, 0.1765, 0.1551



19.5835, 0.2980, 0.3288



39.2875, 0.2240, 0.3263



3.6461, 0.2241, 0.3266

Inverse Universe

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



27.3602, 0.3229, 0.1553



28.3503, 0.3229, 0.1553



35.3829, 0.5430, 0.4069



17.5221, 0.3139, 0.3058



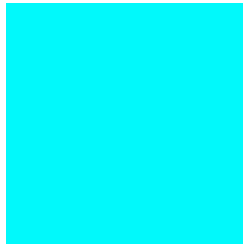
14.3770, 0.3229, 0.1552



1.3323, 0.3227, 0.1551

Previews

White Background



This preview shows how the Yxy color 74.7164, 0.2240, 0.3263 looks on a white background.

Color Contrast Check

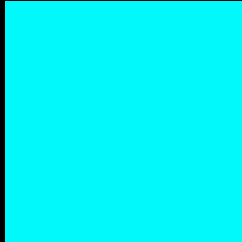
Large Text (above 18pt) WCAG AA × Fail

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 74.7164, 0.2240, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

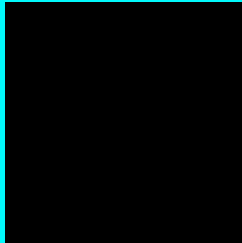
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7164, 0.2240, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 74.7164, 0.2240, 0.3263.

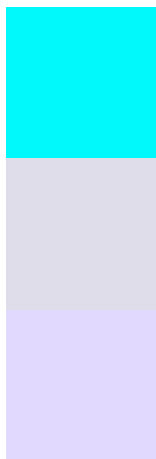


This preview shows how white text looks on a background with the Yxy color 74.7164, 0.2240, 0.3263.

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

74.7229, 0.2240, 0.3263

Protanopia

73.3414, 0.3057, 0.3151

Deuteranopia

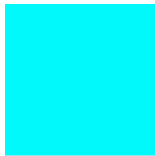
73.0145, 0.2945, 0.2897



Tritanopia

74.2073, 0.2445, 0.3114

Trichromacy



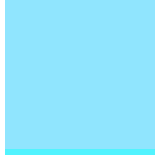
Original Color

74.7229, 0.2240, 0.3263



Protanomaly

69.1939, 0.2550, 0.3181



Deuteranomaly

69.1237, 0.2489, 0.2997



Tritanomaly

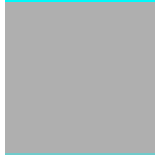
73.0508, 0.2307, 0.3155

Monochromacy



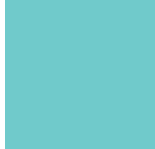
Original Color

74.7229, 0.2240, 0.3263



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

49.9976, 0.2527, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7164, 0.2240, 0.3263 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, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(1, 249, 251)  
}
```

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, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 249, 251) }
```

Border

The CSS property to change the border of an element to Yxy 74.7164, 0.2240, 0.3263 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, 249, 251) }
```

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

```
.border{ border-color:rgb(1, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(1, 249,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7164, 0.2240, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 249, 251) }
```

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

```
.background{ background-color: rgb(1, 249,  
251) }
```

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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