

Converting Colors

$Y_{xy}(74.7190, 0.2244, 0.3278)$

Have a look what the booklet for
Yxy(74.7190, 0.2244, 0.3278)
contains.

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Color

Yxy(74.6535, 0.2243, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	00F9FA
RGB	0, 249, 250
RGB Percent	0%, 98%, 98%
CMY	1.0000, 0.0235, 0.0196
CMYK	1.00, 0.00, 0.00, 0.02
HSL	180°, 100%, 49%
HSV	180°, 100%, 98%
XYZ	51.1291, 74.6535, 102.1670
YIQ	174.6630, -148.7250, -52.4770

Conversions

Conversions Part 2

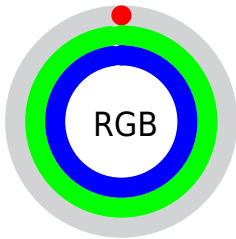
Format	Color
RYB	0, 125, 250
Decimal	63994
CIELab	89.23, -46.94, -14.37
CIELCh	89, 49.087, 197.021
Yxy	74.6535, 0.2243, 0.3275
Android (android.graphics.Color)	4278254074 (0xFF00F9FA)
YUV	174.6630, 37.1411, -153.1795
Hunter-Lab	86.4023, -45.5754, -9.6263

Details

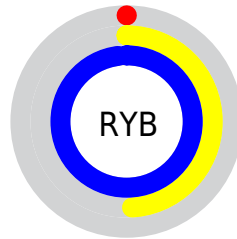
The Yxy color **74.6535, 0.2243, 0.3275** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **20.3484, 0.6399, 0.3301**, and the grayscale version is **42.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7331, 0.2446, 0.3288**, and **41.5943, 0.2238, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **74.6582, 0.2243, 0.3275**, and if you desaturate by 10%, it is **74.9271, 0.2255, 0.3276**.

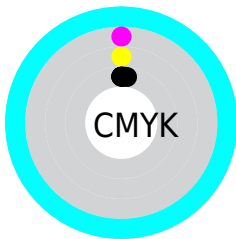
Distribution



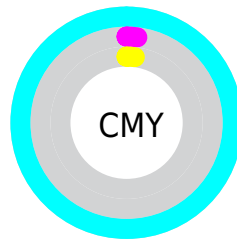
- Red (0%)
- Green (98%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6535, 0.2243, 0.3275 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 74.6535, 0.2243, 0.3275 by changing the saturation by 10% instead.

 74.6535, 0.2243,
0.3275

 74.6535, 0.2243,
0.3275


476.7258, 0.2637,
0.3296

 55.3291, 0.2157,
0.3267

 125.8218, 0.2376,
0.3285


 39.6653, 0.2054,
0.3256


 158.4344, 0.2429,
0.3288

 27.2776, 0.1926,
0.3240


 196.2452, 0.2475,
0.3290

 17.7818, 0.1766,
0.3214

 239.6386, 0.2515,
0.3292

 10.7935, 0.1561,
0.3173

288.9989, 0.2551,
0.3293

 5.9281, 0.1290,
0.3101

344.7106, 0.2583,

 2.8014, 0.0930,

0.3294

0.2965

407.1581, 0.2611,
0.3295

■ 1.0290, 0.0000,
0.2806

■ 0.0000, 0.0000,
0.0000

■ 74.6535, 0.2243,
0.3275

■ 74.6535, 0.2243,
0.3275

■ 74.6582, 0.2243,
0.3275

■ 74.9271, 0.2255,
0.3276

■ 75.4610, 0.2281,
0.3278

■ 76.3412, 0.2325,
0.3279

■ 77.6172, 0.2389,
0.3281

■ 79.3305, 0.2472,
0.3282

■ 81.5172, 0.2574,
0.3284

■ 84.2100, 0.2693,
0.3285

■ 87.4383, 0.2827,
0.3287

■ 91.2295, 0.2973,
0.3289

Harmonies

Analogous

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



74.6535, 0.2635, 0.3872



74.6535, 0.2243, 0.3275



74.6535, 0.2082, 0.2757

Triad

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



74.6535, 0.2243, 0.3275



74.6535, 0.2984, 0.2498



74.6535, 0.4159, 0.4071

Complementary

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



74.6535, 0.2243, 0.3275



20.3484, 0.6399, 0.3301

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.



74.6535, 0.4297, 0.3652



74.6535, 0.2243, 0.3275



74.6535, 0.3583, 0.2790

Square

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



74.6535, 0.2243, 0.3275



74.6535, 0.2476, 0.2372



74.6535, 0.4084, 0.3198



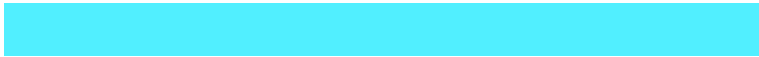
74.6535, 0.3741, 0.4336

Rectangle

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



74.6535, 0.2243, 0.3275



74.6535, 0.2110, 0.2527



74.6535, 0.4084, 0.3198



74.6535, 0.4241, 0.3941

Sweetspot

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



74.6582, 0.2243, 0.3275



88.0677, 0.2693, 0.3285



68.3796, 0.3000, 0.6000



18.5816, 0.2641, 0.3285



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.



74.6582, 0.2243, 0.3275



78.0862, 0.2243, 0.3275



21.5719, 0.1763, 0.1547



19.5959, 0.2980, 0.3289



39.6018, 0.2243, 0.3275



3.6716, 0.2244, 0.3277

Inverse Universe

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



27.1664, 0.3219, 0.1547



28.4140, 0.3219, 0.1547



34.9954, 0.5435, 0.4067



17.5233, 0.3139, 0.3057



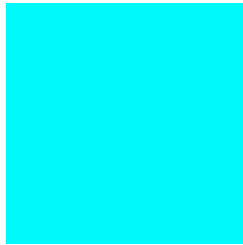
14.4087, 0.3219, 0.1547



1.3349, 0.3218, 0.1546

Previews

White Background



This preview shows how the Yxy color 74.6535, 0.2243, 0.3275 looks on a white background.

Color Contrast Check

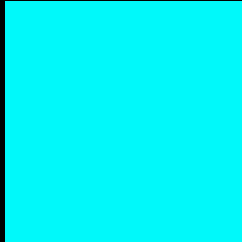
Large Text (above 18pt) WCAG AA × Fail

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 74.6535, 0.2243, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

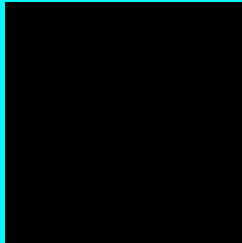
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6535, 0.2243, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 74.6535, 0.2243, 0.3275.

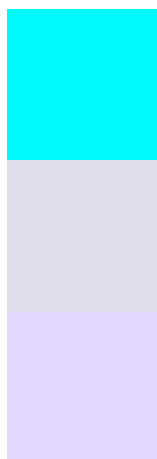


This preview shows how white text looks on a background with the Yxy color 74.6535, 0.2243, 0.3275.

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

74.6535, 0.2243, 0.3275

Protanopia

73.2841, 0.3063, 0.3162

Deuteranopia

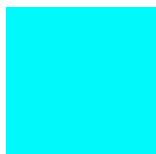
73.1766, 0.2952, 0.2898



Tritanopia

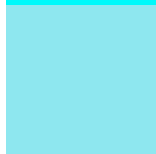
74.2073, 0.2445, 0.3114

Trichromacy



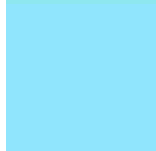
Original Color

74.6535, 0.2243, 0.3275



Protanomaly

69.1346, 0.2554, 0.3193



Deuteranomaly

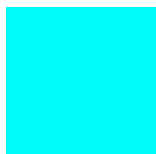
69.0598, 0.2494, 0.3008



Tritanomaly

72.9869, 0.2311, 0.3167

Monochromacy



Original Color

74.6535, 0.2243, 0.3275



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

49.8848, 0.2527, 0.3288

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6535, 0.2243, 0.3275 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, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 250)  
}
```

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, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 250) }
```

Border

The CSS property to change the border of an element to Yxy 74.6535, 0.2243, 0.3275 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, 249, 250) }
```

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

```
.border{ border-color:rgb(0, 249, 250) }
```

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

Here you see how a box with a 4 pixel rgb(0, 249, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6535, 0.2243, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 250) }
```

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

```
.background{ background-color: rgb(0, 249,  
250) }
```

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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