

Converting Colors

$Yxy(74.1641, 0.2703, 0.4858)$

Have a look what the booklet for
Yxy(74.1641, 0.2703, 0.4858)
contains.

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Color

Yxy(73.6900, 0.2701, 0.4848)

Conversions

Conversions Part 1

Format	Color
Hex	1CFF8D
RGB	28, 255, 141
RGB Percent	11%, 100%, 55%
CMY	0.8884, 0.0000, 0.4471
CMYK	0.89, 0.00, 0.45, 0.00
HSL	150°, 100%, 56%
HSV	150°, 89%, 100%
XYZ	41.0554, 73.6900, 37.2554
YIQ	174.1310, -98.6980, -83.5780

Conversions

Conversions Part 2

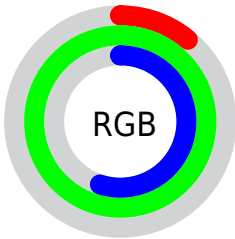
Format	Color
R_{YB}	28, 180, 255
Decimal	1900429
CIE _{Lab}	88.78, -73.66, 40.76
CIE _{LCh}	89, 84.185, 151.040
Yxy	73.6900, 0.2701, 0.4848
Android (android.graphics.Color)	4280090509 (0xFF1CFF8D)
YUV	174.1310, -16.3336, -128.1569
Hunter-Lab	85.8429, -64.8552, 34.3584

Details

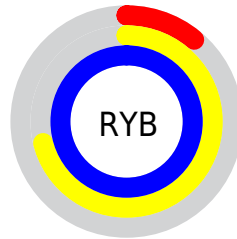
The Yxy color **73.6900, 0.2701, 0.4848** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **24.0788, 0.4723, 0.2441**, and the grayscale version is **42.5953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5705, 0.2708, 0.4020**, and **40.6538, 0.2771, 0.5174** is the 20% darker color. If you saturate the color by 10%, you get **73.0985, 0.2733, 0.5031**, and if you desaturate by 10%, it is **74.6272, 0.2688, 0.4654**.

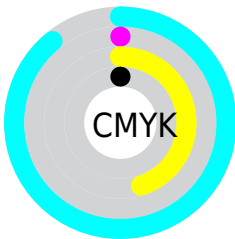
Distribution



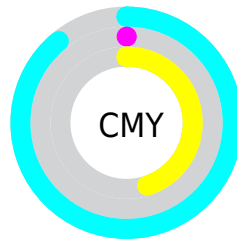
- Red (11%)
- Green (100%)
- Blue (55%)



- Red (11%)
- Yellow (71%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (89%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6900, 0.2701, 0.4848 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 73.6900, 0.2701, 0.4848 by changing the saturation by 10% instead.


 73.6900, 0.2701,
0.4848

 73.6900, 0.2701,
0.4848


473.4028, 0.2933,
0.4065


 54.5404, 0.2639,
0.5041


 124.4563, 0.2789,
0.4565

 39.0338, 0.2557,
0.5285


 156.8417, 0.2821,
0.4458


 26.7860, 0.2445,
0.5604


 194.4078, 0.2848,
0.4367

 17.4126, 0.2287,
0.6031

 237.5390, 0.2870,
0.4289

 10.5291, 0.2051,
0.6625

 286.6197, 0.2889,
0.4222

 5.7512, 0.1687,
0.7506


342.0343, 0.2906,

 2.6944, 0.0618,


0.4163

0.9382


404.1672, 0.2920,
0.4111

 0.9743, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 73.6900, 0.2701,
0.4848

 73.6900, 0.2701,
0.4848


 73.0985, 0.2733,
0.5031

 74.6272, 0.2688,
0.4654

 73.0402, 0.2737,
0.5052


 75.9763, 0.2695,
0.4454


 77.7923, 0.2722,
0.4254

 80.1194, 0.2766,
0.4060

 82.9962, 0.2825,
0.3875

 86.4578, 0.2894,
0.3703

 90.5361, 0.2971,
0.3545

 95.2605, 0.3053,
0.3403

99.9966, 0.3127,
0.3290

Harmonies

Analogous

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



73.6900, 0.3622, 0.5160



73.6900, 0.2701, 0.4848



73.6900, 0.1948, 0.3804

Triad

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



73.6900, 0.2701, 0.4848



73.6900, 0.1781, 0.1855



73.6900, 0.5009, 0.3378

Complementary

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



73.6900, 0.2701, 0.4848



24.0788, 0.4723, 0.2441

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.



73.6900, 0.4350, 0.2741



73.6900, 0.2701, 0.4848



73.6900, 0.2391, 0.1910

Square

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



73.6900, 0.2701, 0.4848



73.6900, 0.1506, 0.2104



73.6900, 0.3323, 0.2222



73.6900, 0.5011, 0.4068

Rectangle

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



73.6900, 0.2701, 0.4848



73.6900, 0.1639, 0.3060



73.6900, 0.3323, 0.2222



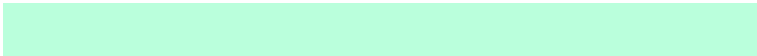
73.6900, 0.4857, 0.3158

Sweetspot

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



73.6930, 0.2701, 0.4848



87.1638, 0.2908, 0.3673



77.6685, 0.3434, 0.5587



18.3809, 0.2883, 0.3729



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.



73.6930, 0.2701, 0.4848



73.0437, 0.2737, 0.5052



78.7489, 0.2273, 0.3333



20.3187, 0.3048, 0.3412



38.1970, 0.2728, 0.5022



3.7411, 0.2670, 0.4813

Inverse Universe

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



24.0788, 0.4723, 0.2441



22.8272, 0.4987, 0.2521



22.2174, 0.6202, 0.3286



18.1396, 0.3215, 0.3171



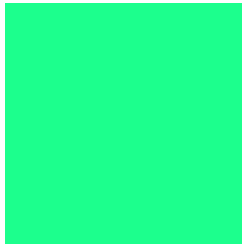
11.9579, 0.4951, 0.2501



1.1864, 0.4698, 0.2362

Previews

White Background



This preview shows how the Yxy color 73.6900, 0.2701, 0.4848 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 73.6900, 0.2701, 0.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

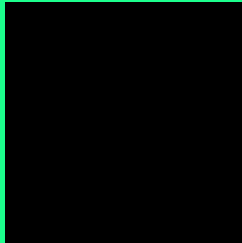
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

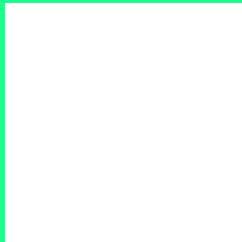
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6900, 0.2701, 0.4848

Background



This preview shows how black text looks on a background with the Yxy color 73.6900, 0.2701, 0.4848.

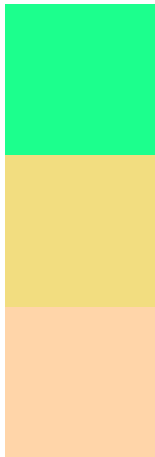


This preview shows how white text looks on a background with the Yxy color 73.6900, 0.2701, 0.4848.

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

73.6900, 0.2701, 0.4848

Protanopia

72.1487, 0.3919, 0.4260

Deuteranopia

71.7131, 0.3770, 0.3745



Tritanopia

72.9583, 0.2436, 0.3090

Trichromacy



Original Color

73.6900, 0.2701, 0.4848



Protanomaly

67.8638, 0.3261, 0.4546



Deuteranomaly

66.8742, 0.3180, 0.4151



Tritanomaly

71.8317, 0.2500, 0.3672

Monochromacy



Original Color

73.6900, 0.2701, 0.4848



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

49.3855, 0.2816, 0.3889

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6900, 0.2701, 0.4848 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(28, 255, 141)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 141)  
}
```

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(28, 255, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 141) }
```

Border

The CSS property to change the border of an element to Yxy 73.6900, 0.2701, 0.4848 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(28, 255, 141) }
```

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

```
.border{ border-color:rgb(28, 255, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 255, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 141);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6900, 0.2701, 0.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 255, 141) }
```

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

```
.background{ background-color: rgb(28, 255,  
141) }
```

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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