

Converting Colors

Yxy(73.9462, 0.2656, 0.4709)

Have a look what the booklet for
Yxy(73.9462, 0.2656, 0.4709)
contains.

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Color

Yxy(73.9365, 0.2656, 0.4710)

Conversions

Conversions Part 1

Format	Color
Hex	17FF97
RGB	23, 255, 151
RGB Percent	9%, 100%, 59%
CMY	0.9110, 0.0000, 0.4079
CMYK	0.91, 0.00, 0.41, 0.00
HSL	153°, 100%, 54%
HSV	153°, 91%, 100%
XYZ	41.6933, 73.9365, 41.3479
YIQ	173.7760, -104.8880, -81.5280

Conversions

Conversions Part 2

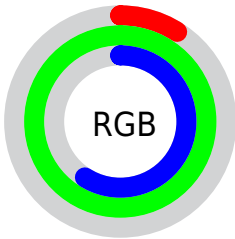
Format	Color
RYB	23, 173, 255
Decimal	1572759
CIELab	88.89, -72.21, 36.02
CIELCh	89, 80.698, 153.491
Yxy	73.9365, 0.2656, 0.4710
Android (android.graphics.Color)	4279762839 (0xFF17FF97)
YUV	173.7760, -11.2286, -132.2306
Hunter-Lab	85.9863, -63.9245, 31.6799

Details

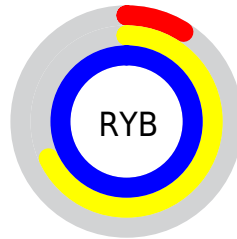
The Yxy color **73.9365, 0.2656, 0.4710** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **23.3853, 0.4993, 0.2574**, and the grayscale version is **42.2554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8982, 0.2654, 0.3891**, and **40.8334, 0.2724, 0.5006** is the 20% darker color. If you saturate the color by 10%, you get **73.4381, 0.2683, 0.4858**, and if you desaturate by 10%, it is **74.7764, 0.2642, 0.4536**.

Distribution



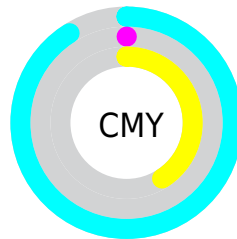
- Red (9%)
- Green (100%)
- Blue (59%)



- Red (9%)
- Yellow (68%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (91%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9365, 0.2656, 0.4710 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 73.9365, 0.2656, 0.4710 by changing the saturation by 10% instead.


 73.9365, 0.2656,
0.4710


 73.9365, 0.2656,
0.4710


474.2542, 0.2902,
0.3999


 54.7421, 0.2592,
0.4885


 124.8058, 0.2747,
0.4453

 39.1953, 0.2510,
0.5107


 157.2494, 0.2781,
0.4356

 26.9117, 0.2400,
0.5397


 194.8783, 0.2810,
0.4274

 17.5069, 0.2246,
0.5789


 238.0767, 0.2834,
0.4203

 10.5965, 0.2021,
0.6339

 287.2291, 0.2855,
0.4142

 5.7962, 0.1671,
0.7140


342.7199, 0.2873,


 2.7216, 0.0764,


0.4088

0.9236

404.9335, 0.2888,
0.4041

 0.9882, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 73.9365, 0.2656,
0.4710

 73.9365, 0.2656,
0.4710

 73.4381, 0.2683,
0.4858


 74.7764, 0.2642,
0.4536


 76.0130, 0.2648,
0.4359


 77.6967, 0.2675,
0.4181


 79.8727, 0.2721,
0.4008

 82.5804, 0.2782,
0.3843

 85.8551, 0.2855,
0.3689

 89.7290, 0.2937,
0.3547

 94.2319, 0.3026,
0.3418

 99.3913, 0.3117,
0.3302

Harmonies

Analogous

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



73.9365, 0.3542, 0.5087



73.9365, 0.2656, 0.4710



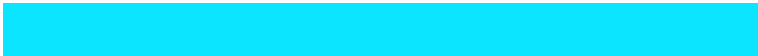
73.9365, 0.1949, 0.3693

Triad

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



73.9365, 0.2656, 0.4710



73.9365, 0.1863, 0.1898



73.9365, 0.4957, 0.3439

Complementary

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



73.9365, 0.2656, 0.4710



23.3853, 0.4993, 0.2574

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.



73.9365, 0.4370, 0.2812



73.9365, 0.2656, 0.4710



73.9365, 0.2484, 0.1971

Square

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



73.9365, 0.2656, 0.4710



73.9365, 0.1568, 0.2117



73.9365, 0.3400, 0.2294



73.9365, 0.4918, 0.4111

Rectangle

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



73.9365, 0.2656, 0.4710



73.9365, 0.1667, 0.2998



73.9365, 0.3400, 0.2294



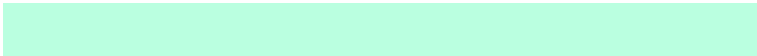
73.9365, 0.4827, 0.3223

Sweetspot

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



73.9327, 0.2656, 0.4710



87.3692, 0.2888, 0.3629



76.1105, 0.3337, 0.5682



18.4292, 0.2860, 0.3679



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.



73.9327, 0.2656, 0.4710



73.4381, 0.2683, 0.4858



71.7303, 0.2217, 0.3145



20.3361, 0.3040, 0.3398



38.4036, 0.2675, 0.4831



3.7612, 0.2622, 0.4639

Inverse Universe

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



23.3853, 0.4993, 0.2574



22.4787, 0.5226, 0.2653



22.4825, 0.6229, 0.3337



18.1223, 0.3224, 0.3184



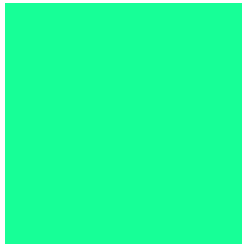
11.7747, 0.5186, 0.2630



1.1681, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 73.9365, 0.2656, 0.4710 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 73.9365, 0.2656, 0.4710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

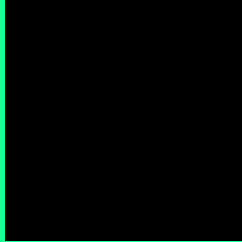
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9365, 0.2656, 0.4710

Background



This preview shows how black text looks on a background with the Yxy color 73.9365, 0.2656, 0.4710.



This preview shows how white text looks on a background with the Yxy color 73.9365, 0.2656, 0.4710.

Color Blindness Simulation

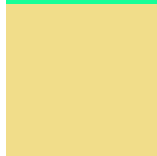
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



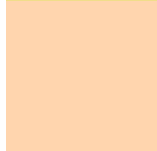
Original Color

73.9365, 0.2656, 0.4710



Protanopia

72.2487, 0.3847, 0.4166



Deuteranopia

71.9045, 0.3733, 0.3694



Tritanopia

73.0362, 0.2440, 0.3090

Trichromacy



Original Color

73.9365, 0.2656, 0.4710



Protanomaly

67.9424, 0.3193, 0.4427



Deuteranomaly

66.8979, 0.3124, 0.4064



Tritanomaly

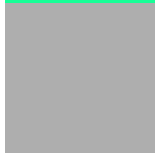
71.8848, 0.2481, 0.3632

Monochromacy



Original Color

73.9365, 0.2656, 0.4710



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

49.3870, 0.2780, 0.3830

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9365, 0.2656, 0.4710 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(23, 255, 151)` looks like.

```
.text, #text, p{  
    color:rgb(23, 255, 151)  
}
```

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(23, 255, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 255, 151) }
```

Border

The CSS property to change the border of an element to Yxy 73.9365, 0.2656, 0.4710 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(23, 255, 151) }
```

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

```
.border{ border-color:rgb(23, 255, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 255, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 255, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 255, 151);  
box-shadow:4px 4px 4px 4px rgb(23, 255,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9365, 0.2656, 0.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 255, 151) }
```

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

```
.background{ background-color: rgb(23, 255,  
151) }
```

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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