

Converting Colors

$Y_{xy}(74.3219, 0.2655, 0.4639)$

Have a look what the booklet for
Yxy(74.3219, 0.2655, 0.4639)
contains.

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Color

Yxy(74.3324, 0.2653, 0.4633)

Conversions

Conversions Part 1

Format	Color
Hex	26FF9C
RGB	38, 255, 156
RGB Percent	15%, 100%, 61%
CMY	0.8500, 0.0000, 0.3883
CMYK	0.85, 0.00, 0.39, 0.00
HSL	153°, 100%, 58%
HSV	153°, 85%, 100%
XYZ	42.5650, 74.3324, 43.5437
YIQ	178.8310, -97.5530, -76.7930

Conversions

Conversions Part 2

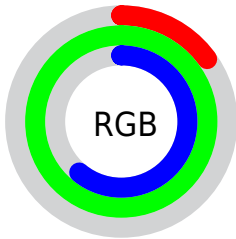
Format	Color
R_{YB}	38, 179, 255
Decimal	2555804
CIE _{Lab}	89.08, -70.39, 33.82
CIE _{LCh}	89, 78.093, 154.337
Yxy	74.3324, 0.2653, 0.4633
Android (android.graphics.Color)	4280745884 (0xFF26FF9C)
YUV	178.8310, -11.2557, -123.5088
Hunter-Lab	86.2162, -62.7528, 30.4068

Details

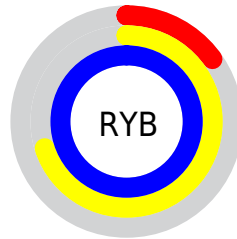
The Yxy color **74.3324, 0.2653, 0.4633** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **24.4770, 0.4791, 0.2523**, and the grayscale version is **45.1258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5082, 0.2651, 0.3823**, and **40.9320, 0.2700, 0.4919** is the 20% darker color. If you saturate the color by 10%, you get **73.6262, 0.2675, 0.4807**, and if you desaturate by 10%, it is **75.4141, 0.2651, 0.4453**.

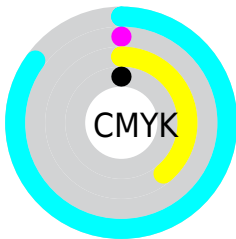
Distribution



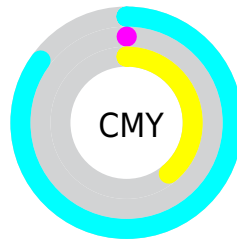
- Red (15%)
- Green (100%)
- Blue (61%)



- Red (15%)
- Yellow (70%)
- Blue (100%)



- Cyan (85%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)




- Cyan (85%)
- Magenta (0%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3324, 0.2653, 0.4633 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 74.3324, 0.2653, 0.4633 by changing the saturation by 10% instead.

 74.3324, 0.2653,
0.4633


 74.3324, 0.2653,
0.4633


475.6198, 0.2898,
0.3963


 55.0661, 0.2591,
0.4798


 125.3669, 0.2743,
0.4391

 39.4547, 0.2511,
0.5006


 157.9039, 0.2776,
0.4300

 27.1136, 0.2404,
0.5279


 195.6333, 0.2805,
0.4222

 17.6586, 0.2256,
0.5648

 238.9395, 0.2829,
0.4156

 10.7051, 0.2041,
0.6167

288.2068, 0.2849,
0.4098

 5.8689, 0.1709,
0.6931


343.8197, 0.2868,

 2.7655, 0.0947,

0.4047


0.9053

406.1626, 0.2883,
0.4002


 1.0106, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.3324, 0.2653,
0.4633


 74.3324, 0.2653,
0.4633


 73.6262, 0.2675,
0.4807


 75.4141, 0.2651,
0.4453


 73.3682, 0.2692,
0.4891


 76.9215, 0.2669,
0.4271


 78.9058, 0.2707,
0.4092

 81.4086, 0.2761,
0.3920

 84.4666, 0.2829,
0.3758

 88.1132, 0.2908,
0.3607

 92.3791, 0.2993,
0.3470

 97.2927, 0.3082,
0.3347

99.9989, 0.3127,
0.3290

Harmonies

Analogous

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



74.3324, 0.3514, 0.5025



74.3324, 0.2653, 0.4633



74.3324, 0.1971, 0.3652

Triad

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



74.3324, 0.2653, 0.4633



74.3324, 0.1911, 0.1934



74.3324, 0.4905, 0.3461

Complementary

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



74.3324, 0.2653, 0.4633



24.4770, 0.4791, 0.2523

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.



74.3324, 0.4351, 0.2844



74.3324, 0.2653, 0.4633



74.3324, 0.2526, 0.2012

Square

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



74.3324, 0.2653, 0.4633



74.3324, 0.1613, 0.2142



74.3324, 0.3421, 0.2333



74.3324, 0.4857, 0.4118

Rectangle

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



74.3324, 0.2653, 0.4633



74.3324, 0.1700, 0.2987



74.3324, 0.3421, 0.2333



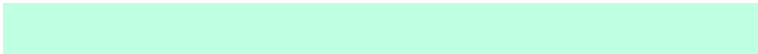
74.3324, 0.4784, 0.3249

Sweetspot

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



74.3354, 0.2653, 0.4633



88.1128, 0.2908, 0.3607



77.1844, 0.3386, 0.5581



18.5708, 0.2879, 0.3659



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.



74.3354, 0.2653, 0.4633



73.3693, 0.2692, 0.4891



74.6327, 0.2245, 0.3200



20.3332, 0.3041, 0.3401



38.3676, 0.2684, 0.4863



3.7578, 0.2630, 0.4668

Inverse Universe

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



24.4770, 0.4791, 0.2523



22.5328, 0.5187, 0.2631



23.3153, 0.6080, 0.3332



18.1251, 0.3222, 0.3182



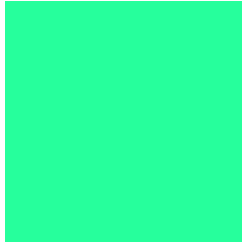
11.8032, 0.5147, 0.2609



1.1710, 0.4870, 0.2457

Previews

White Background



This preview shows how the Yxy color 74.3324, 0.2653, 0.4633 looks on a white background.

Color Contrast Check

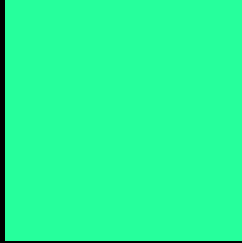
Large Text (above 18pt) WCAG AA × Fail

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 74.3324, 0.2653, 0.4633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

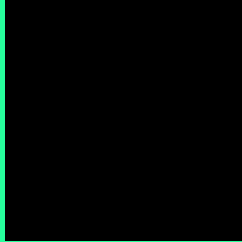
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3324, 0.2653, 0.4633

Background



This preview shows how black text looks on a background with the Yxy color 74.3324, 0.2653, 0.4633.

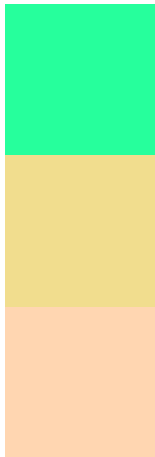


This preview shows how white text looks on a background with the Yxy color 74.3324, 0.2653, 0.4633.

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

74.3324, 0.2653, 0.4633

Protanopia

72.3667, 0.3820, 0.4126

Deuteranopia

72.5275, 0.3708, 0.3673



Tritanopia

73.8585, 0.2454, 0.3102

Trichromacy



Original Color

74.3324, 0.2653, 0.4633



Protanomaly

68.5999, 0.3204, 0.4366



Deuteranomaly

68.1333, 0.3139, 0.4029



Tritanomaly

73.0160, 0.2500, 0.3616

Monochromacy



Original Color

74.3324, 0.2653, 0.4633



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

52.1551, 0.2809, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3324, 0.2653, 0.4633 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(38, 255, 156)` looks like.

```
.text, #text, p{  
    color:rgb(38, 255, 156)  
}
```

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(38, 255, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 255, 156) }
```

Border

The CSS property to change the border of an element to Yxy 74.3324, 0.2653, 0.4633 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(38, 255, 156) }
```

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

```
.border{ border-color:rgb(38, 255, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 255, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 255, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 255, 156);  
box-shadow:4px 4px 4px 4px rgb(38, 255,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3324, 0.2653, 0.4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 255, 156) }
```

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

```
.background{ background-color: rgb(38, 255,  
156) }
```

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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