

Converting Colors

Yxy(74.0823, 0.2743, 0.4864)

Have a look what the booklet for
Yxy(74.0823, 0.2743, 0.4864)
contains.

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Color

Yxy(74.0879, 0.2742, 0.4861)

Conversions

Conversions Part 1

Format	Color
Hex	33FF8B
RGB	51, 255, 139
RGB Percent	20%, 100%, 55%
CMY	0.7995, 0.0000, 0.4548
CMYK	0.80, 0.00, 0.45, 0.00
HSL	146°, 100%, 60%
HSV	146°, 80%, 100%
XYZ	41.7916, 74.0879, 36.5334
YIQ	180.7800, -84.3480, -79.3240

Conversions

Conversions Part 2

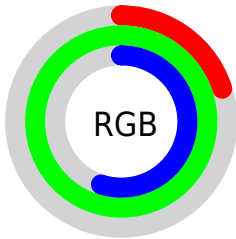
Format	Color
RYB	51, 194, 255
Decimal	3407755
CIELab	88.96, -72.22, 42.00
CIELCh	89, 83.546, 149.823
Yxy	74.0879, 0.2742, 0.4861
Android (android.graphics.Color)	4281597835 (0xFF33FF8B)
YUV	180.7800, -20.5975, -113.8171
Hunter-Lab	86.0743, -63.9631, 35.0870

Details

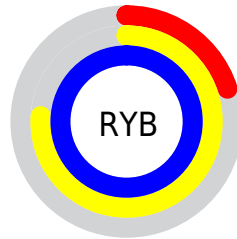
The Yxy color **74.0879, 0.2742, 0.4861** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **26.4325, 0.4299, 0.2299**, and the grayscale version is **46.2538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1609, 0.2756, 0.4038**, and **40.6206, 0.2780, 0.5206** is the 20% darker color. If you saturate the color by 10%, you get **73.2021, 0.2761, 0.5072**, and if you desaturate by 10%, it is **75.3988, 0.2743, 0.4638**.

Distribution



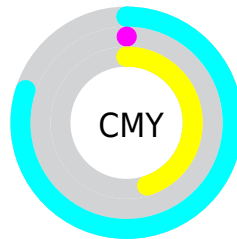
- Red (20%)
- Green (100%)
- Blue (55%)



- Red (20%)
- Yellow (76%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0879, 0.2742, 0.4861 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 74.0879, 0.2742, 0.4861 by changing the saturation by 10% instead.


 74.0879, 0.2742,
0.4861


 74.0879, 0.2742,
0.4861


474.7767, 0.2956,
0.4073


 54.8660, 0.2683,
0.5055


 125.0204, 0.2824,
0.4576


 39.2944, 0.2606,
0.5300


 157.4998, 0.2854,
0.4468

 26.9889, 0.2500,
0.5618


 195.1671, 0.2878,
0.4377

 17.5649, 0.2348,
0.6045

 238.4068, 0.2899,
0.4299

 10.6380, 0.2118,
0.6634

287.6032, 0.2916,
0.4231

 5.8240, 0.1764,
0.7519


343.1407, 0.2931,


 2.7384, 0.0782,


0.4172

0.9218


405.4037, 0.2945,
0.4119


 0.9967, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.0879, 0.2742,
0.4861

 74.0879, 0.2742,
0.4861

 73.2021, 0.2761,
0.5072


 75.3988, 0.2743,
0.4638

 72.6458, 0.2796,
0.5265

 77.1798, 0.2763,
0.4412

 72.6433, 0.2796,
0.5266

 79.4793, 0.2800,
0.4190

 82.3373, 0.2851,
0.3978

■ 85.7895, 0.2912,
0.3780

■ 89.8688, 0.2981,
0.3599

■ 94.6055, 0.3053,
0.3435

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



74.0879, 0.3657, 0.5137



74.0879, 0.2742, 0.4861



74.0879, 0.1982, 0.3847

Triad

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



74.0879, 0.2742, 0.4861



74.0879, 0.1774, 0.1870



74.0879, 0.4977, 0.3353

Complementary

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



74.0879, 0.2742, 0.4861



26.4325, 0.4299, 0.2299

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.



74.0879, 0.4301, 0.2722



74.0879, 0.2742, 0.4861



74.0879, 0.2366, 0.1913

Square

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



74.0879, 0.2742, 0.4861



74.0879, 0.1513, 0.2132



74.0879, 0.3280, 0.2213



74.0879, 0.5009, 0.4038

Rectangle

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



74.0879, 0.2742, 0.4861



74.0879, 0.1665, 0.3105



74.0879, 0.3280, 0.2213



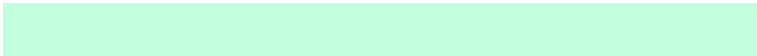
74.0879, 0.4817, 0.3135

Sweetspot

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



74.0909, 0.2742, 0.4861



88.1401, 0.2952, 0.3670



80.3110, 0.3551, 0.5386



18.5586, 0.2928, 0.3735



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.



74.0909, 0.2742, 0.4861



72.8409, 0.2781, 0.5191



78.3996, 0.2344, 0.3497



20.2982, 0.3057, 0.3428



37.9869, 0.2788, 0.5236



3.7201, 0.2726, 0.5013

Inverse Universe

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



26.4325, 0.4299, 0.2299



23.6659, 0.4626, 0.2338



24.0575, 0.5768, 0.3192



18.1603, 0.3205, 0.3156



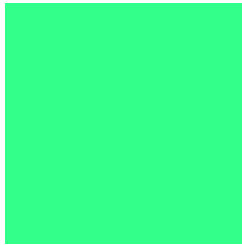
12.2085, 0.4673, 0.2348



1.2106, 0.4460, 0.2230

Previews

White Background



This preview shows how the Yxy color 74.0879, 0.2742, 0.4861 looks on a white background.

Color Contrast Check

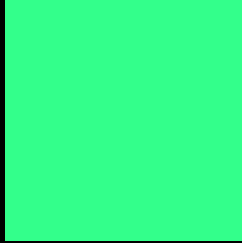
Large Text (above 18pt) WCAG AA × Fail

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 74.0879, 0.2742, 0.4861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

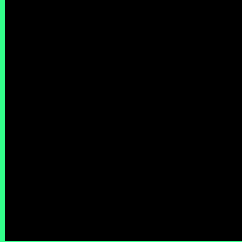
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0879, 0.2742, 0.4861

Background



This preview shows how black text looks on a background with the Yxy color 74.0879, 0.2742, 0.4861.

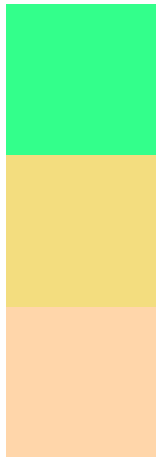


This preview shows how white text looks on a background with the Yxy color 74.0879, 0.2742, 0.4861.

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

74.0879, 0.2742, 0.4861

Protanopia

72.2999, 0.3933, 0.4266

Deuteranopia

72.2554, 0.3760, 0.3745



Tritanopia

73.2746, 0.2452, 0.3090

Trichromacy



Original Color

74.0879, 0.2742, 0.4861



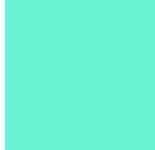
Protanomaly

68.8008, 0.3334, 0.4545



Deuteranomaly

68.3656, 0.3235, 0.4146



Tritanomaly

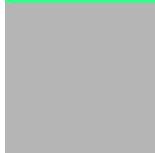
72.3890, 0.2540, 0.3681

Monochromacy



Original Color

74.0879, 0.2742, 0.4861



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

52.9333, 0.2878, 0.3880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0879, 0.2742, 0.4861 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(51, 255, 139)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 139)  
}
```

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(51, 255, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 139) }
```

Border

The CSS property to change the border of an element to Yxy 74.0879, 0.2742, 0.4861 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(51, 255, 139) }
```

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

```
.border{ border-color:rgb(51, 255, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 139);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
139) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 74.0879, 0.2742, 0.4861$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 139) }
```

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

```
.background{ background-color: rgb(51, 255,  
139) }
```

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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