

Converting Colors

$Y_{xy}(74.9823, 0.2531, 0.4279)$

Have a look what the booklet for
Yxy(74.9823, 0.2531, 0.4279)
contains.

Yxy(74.9848, 0.2532, 0.4280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.9848, 0.2532, 0.4280)

Conversions

Conversions Part 1

Format	Color
Hex	13FFB5
RGB	19, 255, 181
RGB Percent	7%, 100%, 71%
CMY	0.9265, 0.0000, 0.2902
CMYK	0.93, 0.00, 0.29, 0.00
HSL	161°, 100%, 54%
HSV	161°, 93%, 100%
XYZ	44.3602, 74.9848, 55.8532
YIQ	176.0000, -116.9020, -73.0460

Conversions

Conversions Part 2

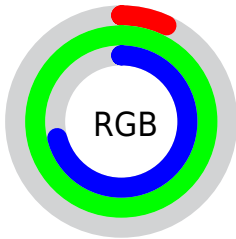
Format	Color
R_{YB}	19, 159, 255
Decimal	1310645
CIE _{Lab}	89.39, -66.41, 21.60
CIE _{LCh}	89, 69.832, 161.983
Yxy	74.9848, 0.2532, 0.4280
Android (android.graphics.Color)	4279500725 (0xFF13FFB5)
YUV	176.0000, 2.4650, -137.6890
Hunter-Lab	86.5938, -60.0973, 22.3735

Details

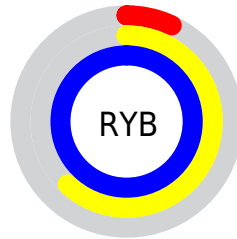
The Yxy color **74.9848, 0.2532, 0.4280** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **22.5007, 0.5548, 0.2875**, and the grayscale version is **43.4020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5564, 0.2518, 0.3501**, and **41.4910, 0.2579, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **74.6162, 0.2546, 0.4367**, and if you desaturate by 10%, it is **75.7299, 0.2526, 0.4160**.

Distribution



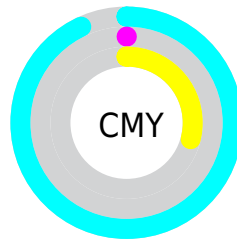
- Red (7%)
- Green (100%)
- Blue (71%)



- Red (7%)
- Yellow (62%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)




- Cyan (93%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9848, 0.2532, 0.4280 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 74.9848, 0.2532, 0.4280 by changing the saturation by 10% instead.


 74.9848, 0.2532,
0.4280


 74.9848, 0.2532,
0.4280


477.8653, 0.2819,
0.3794


 55.6004, 0.2464,
0.4398


 126.2908, 0.2634,
0.4106


 39.8827, 0.2379,
0.4546


 158.9813, 0.2673,
0.4040


 27.4471, 0.2269,
0.4740


 196.8760, 0.2706,
0.3984

 17.9093, 0.2123,
0.5001

 240.3591, 0.2735,
0.3935

 10.8849, 0.1920,
0.5371

 289.8153, 0.2760,
0.3893

 5.9895, 0.1624,
0.5927


345.6288, 0.2782,

 2.8387, 0.1025,


0.3856


0.6951


408.1840, 0.2801,
0.3824

 1.0481, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 74.9848, 0.2532,
0.4280


 74.9848, 0.2532,
0.4280


 74.6162, 0.2546,
0.4367

 75.7299, 0.2526,
0.4160


 76.8378, 0.2541,
0.4038

 78.3667, 0.2575,
0.3918


 80.3623, 0.2630,
0.3800

 82.8643, 0.2701,
0.3688

 85.9079, 0.2787,
0.3581

 89.5251, 0.2883,
0.3483

 93.7457, 0.2988,
0.3392

 98.5969, 0.3098,
0.3310

Harmonies

Analogous

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



74.9848, 0.3295, 0.4800



74.9848, 0.2532, 0.4280



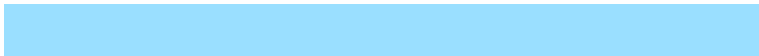
74.9848, 0.1974, 0.3386

Triad

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



74.9848, 0.2532, 0.4280



74.9848, 0.2140, 0.2049



74.9848, 0.4762, 0.3621

Complementary

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



74.9848, 0.2532, 0.4280



22.5007, 0.5548, 0.2875

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.



74.9848, 0.4391, 0.3035



74.9848, 0.2532, 0.4280



74.9848, 0.2778, 0.2179

Square

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



74.9848, 0.2532, 0.4280



74.9848, 0.1788, 0.2177



74.9848, 0.3618, 0.2528



74.9848, 0.4609, 0.4218

Rectangle

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



74.9848, 0.2532, 0.4280



74.9848, 0.1774, 0.2838



74.9848, 0.3618, 0.2528



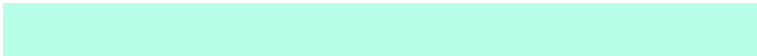
74.9848, 0.4697, 0.3421

Sweetspot

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



74.9878, 0.2532, 0.4280



87.5237, 0.2830, 0.3534



73.9175, 0.3182, 0.5816



18.4132, 0.2790, 0.3578



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.



74.9878, 0.2532, 0.4280



74.6208, 0.2546, 0.4367



54.2816, 0.2100, 0.2729



20.3789, 0.3022, 0.3366



39.0192, 0.2541, 0.4347



3.8189, 0.2503, 0.4211

Inverse Universe

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



22.5007, 0.5548, 0.2875



21.8371, 0.5764, 0.2949



24.7550, 0.6072, 0.3489



18.0808, 0.3245, 0.3216



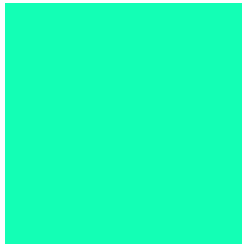
11.4339, 0.5721, 0.2925



1.1320, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 74.9848, 0.2532, 0.4280 looks on a white background.

Color Contrast Check

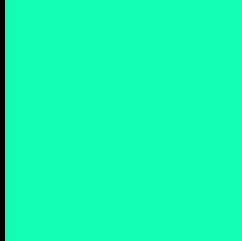
Large Text (above 18pt) WCAG AA × Fail

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 74.9848, 0.2532, 0.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

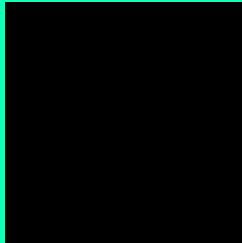
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9848, 0.2532, 0.4280

Background



This preview shows how black text looks on a background with the Yxy color 74.9848, 0.2532, 0.4280.

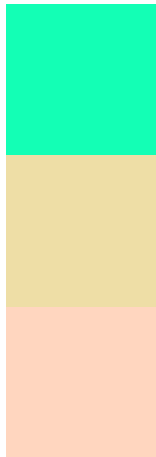


This preview shows how white text looks on a background with the Yxy color 74.9848, 0.2532, 0.4280.

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

74.9946, 0.2532, 0.4280

Protanopia

73.1729, 0.3630, 0.3891

Deuteranopia

73.1147, 0.3604, 0.3527



Tritanopia

74.1039, 0.2467, 0.3103

Trichromacy



Original Color

74.9946, 0.2532, 0.4280



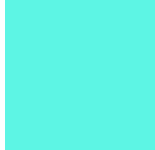
Protanomaly

69.0550, 0.3008, 0.4084



Deuteranomaly

68.0615, 0.2985, 0.3808



Tritanomaly

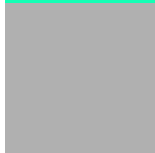
73.2334, 0.2446, 0.3500

Monochromacy



Original Color

74.9946, 0.2532, 0.4280



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

50.7989, 0.2711, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9848, 0.2532, 0.4280 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(19, 255, 181)` looks like.

```
.text, #text, p{  
    color:rgb(19, 255, 181)  
}
```

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(19, 255, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 74.9848, 0.2532, 0.4280 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(19, 255, 181) }
```

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

```
.border{ border-color:rgb(19, 255, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 255, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(19, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9848, 0.2532, 0.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 255, 181) }
```

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

```
.background{ background-color: rgb(19, 255,  
181) }
```

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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