

Converting Colors

$Y_{xy}(74.2259, 0.2700, 0.3759)$

Have a look what the booklet for
Yxy(74.2259, 0.2700, 0.3759)
contains.

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Color

Yxy(74.2259, 0.2700, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	86F4CE
RGB	134, 244, 206
RGB Percent	53%, 96%, 81%
CMY	0.4748, 0.0431, 0.1921
CMYK	0.45, 0.00, 0.16, 0.04
HSL	159°, 83%, 74%
HSV	159°, 45%, 96%
XYZ	53.3147, 74.2259, 69.9212
YIQ	206.7780, -53.3620, -35.1380

Conversions

Conversions Part 2

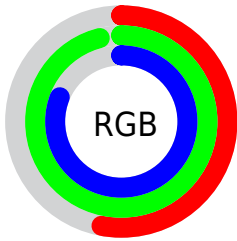
Format	Color
RYB	134, 200, 244
Decimal	8844494
CIELab	89.03, -40.36, 8.54
CIELCh	89, 41.248, 168.057
Yxy	74.2259, 0.2700, 0.3759
Android (android.graphics.Color)	4287034574 (0xFF86F4CE)
YUV	206.7780, -0.3836, -63.8263
Hunter-Lab	86.1545, -40.3097, 12.1895

Details

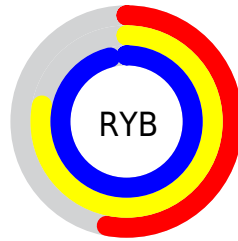
The Yxy color **74.2259, 0.2700, 0.3759** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **39.2389, 0.3909, 0.2880**, and the grayscale version is **62.2651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **39.3035, 0.2594, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **72.0529, 0.2635, 0.3885**, and if you desaturate by 10%, it is **76.8893, 0.2779, 0.3640**.

Distribution



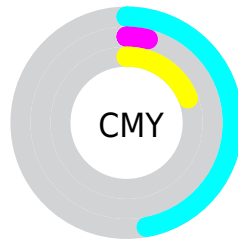
- Red (53%)
- Green (96%)
- Blue (81%)



- Red (53%)
- Yellow (78%)
- Blue (96%)



- Cyan (45%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)





- Cyan (47%)
- Magenta (4%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2259, 0.2700, 0.3759 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 74.2259, 0.2700, 0.3759 by changing the saturation by 10% instead.


 74.2259, 0.2700,
0.3759

 74.2259, 0.2700,
0.3759


475.2527, 0.2900,
0.3536

 54.9790, 0.2654,
0.3811

 125.2160, 0.2770,
0.3680

 39.3849, 0.2597,
0.3877


 157.7279, 0.2797,
0.3650

 27.0593, 0.2524,
0.3961

 195.4303, 0.2820,
0.3624

 17.6177, 0.2429,
0.4074

238.7075, 0.2840,
0.3602

 10.6759, 0.2298,
0.4230

287.9439, 0.2858,
0.3582

 5.8493, 0.2109,
0.4464


343.5240, 0.2873,

 2.7537, 0.1812,


0.3565


0.4847


405.8321, 0.2887,
0.3550


 1.0045, 0.0000,
0.6714


 0.0000, 0.0000,
0.0000


 74.2259, 0.2700,
0.3759


 74.2259, 0.2700,
0.3759


 72.0529, 0.2635,
0.3885


 76.8893, 0.2779,
0.3640


 70.3286, 0.2588,
0.4017

 80.0635, 0.2870,
0.3528


 69.0192, 0.2561,
0.4151


 83.7788, 0.2968,
0.3426


 68.0822, 0.2554,
0.4286

 88.0601, 0.3073,
0.3334

 67.4647, 0.2567,
0.4418

 92.7550, 0.3174,
0.3251

 67.2411, 0.2578,
0.4482

 93.1899, 0.3132,
0.3185

Harmonies

Analogous

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



74.2259, 0.3164, 0.4109



74.2259, 0.2700, 0.3759



74.2259, 0.2367, 0.3268

Triad

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



74.2259, 0.2700, 0.3759



74.2259, 0.2587, 0.2504



74.2259, 0.4114, 0.3625

Complementary

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



74.2259, 0.2700, 0.3759



39.2389, 0.3909, 0.2880

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.



74.2259, 0.3942, 0.3232



74.2259, 0.2700, 0.3759



74.2259, 0.3027, 0.2616

Square

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



74.2259, 0.2700, 0.3759



74.2259, 0.2308, 0.2572



74.2259, 0.3531, 0.2875



74.2259, 0.3995, 0.3974

Rectangle

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



74.2259, 0.2700, 0.3759



74.2259, 0.2252, 0.2963



74.2259, 0.3531, 0.2875



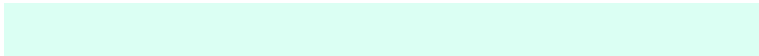
74.2259, 0.4089, 0.3495

Sweetspot

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



74.2289, 0.2700, 0.3759



93.0784, 0.2980, 0.3416



75.2509, 0.3294, 0.4610



19.7182, 0.2958, 0.3437



0.0000, 0.0000, 0.0000



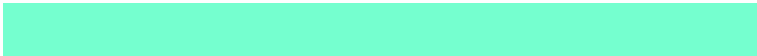
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2289, 0.2700, 0.3759



79.8512, 0.2641, 0.3873



66.8064, 0.2486, 0.3090



18.6550, 0.3027, 0.3373



36.5839, 0.2572, 0.4461



3.2347, 0.2527, 0.4296

Inverse Universe

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



39.2389, 0.3909, 0.2880



36.7627, 0.4156, 0.2808



42.9061, 0.4257, 0.3473



16.5769, 0.3239, 0.3209



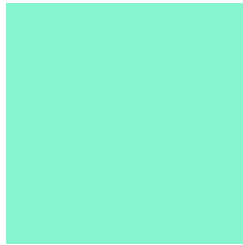
10.8308, 0.5597, 0.2857



0.9705, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 74.2259, 0.2700, 0.3759 looks on a white background.

Color Contrast Check

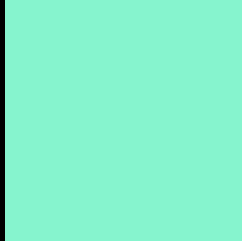
Large Text (above 18pt) WCAG AA × Fail

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 74.2259, 0.2700, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

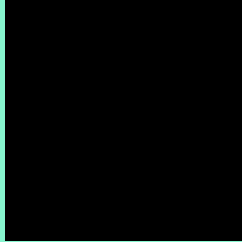
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2259, 0.2700, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 74.2259, 0.2700, 0.3759.

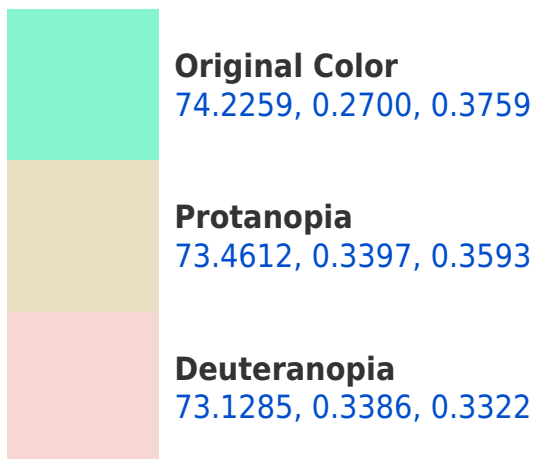


This preview shows how white text looks on a background with the Yxy color 74.2259, 0.2700, 0.3759.

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





Tritanopia

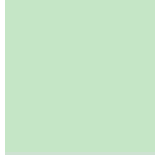
73.7902, 0.2531, 0.3071

Trichromacy



Original Color

74.2259, 0.2700, 0.3759



Protanomaly

72.5412, 0.3103, 0.3659



Deuteranomaly

72.1677, 0.3091, 0.3470



Tritanomaly

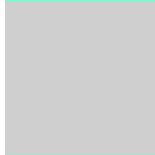
73.8672, 0.2593, 0.3312

Monochromacy



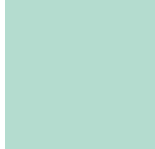
Original Color

74.2259, 0.2700, 0.3759



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.3947, 0.2934, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2259, 0.2700, 0.3759 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(134, 244, 206)` looks like.

```
.text, #text, p{  
    color:rgb(134, 244, 206)  
}
```

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(134, 244, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 244, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.2259, 0.2700, 0.3759 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(134, 244, 206) }
```

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

```
.border{ border-color:rgb(134, 244, 206) }
```

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

Here you see how a box with a 4 pixel rgb(134, 244, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 244, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 244, 206);  
box-shadow:4px 4px 4px 4px rgb(134, 244,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2259, 0.2700, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 244, 206) }
```

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

```
.background{ background-color: rgb(134,  
244, 206) }
```

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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