

Converting Colors

$Yxy(74.3157, 0.2784, 0.3699)$

Have a look what the booklet for
Yxy(74.3157, 0.2784, 0.3699)
contains.

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Color

Yxy(74.1879, 0.2786, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	99F1CF
RGB	153, 241, 207
RGB Percent	60%, 95%, 81%
CMY	0.4003, 0.0548, 0.1882
CMYK	0.37, 0.00, 0.14, 0.05
HSL	157°, 76%, 77%
HSV	157°, 37%, 95%
XYZ	55.8464, 74.1879, 70.4194
YIQ	210.8120, -41.5340, -29.2300

Conversions

Conversions Part 2

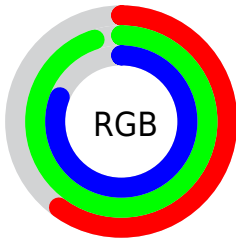
Format	Color
RYB	153, 208, 241
Decimal	10088911
CIELab	89.01, -33.85, 8.10
CIELCh	89, 34.806, 166.550
Yxy	74.1879, 0.2786, 0.3701
Android (android.graphics.Color)	4288278991 (0xFF99F1CF)
YUV	210.8120, -1.8793, -50.7011
Hunter-Lab	86.1324, -34.9961, 11.8189

Details

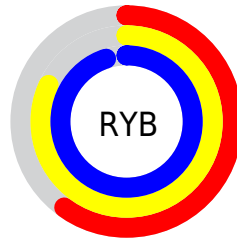
The Yxy color **74.1879, 0.2786, 0.3701** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.0479, 0.3668, 0.2918**, and the grayscale version is **65.0365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **39.5945, 0.2705, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **71.6374, 0.2713, 0.3837**, and if you desaturate by 10%, it is **77.2448, 0.2871, 0.3574**.

Distribution



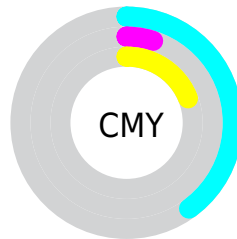
- Red (60%)
- Green (95%)
- Blue (81%)



- Red (60%)
- Yellow (82%)
- Blue (95%)



- Cyan (37%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)





- Cyan (40%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1879, 0.2786, 0.3701 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 74.1879, 0.2786, 0.3701 by changing the saturation by 10% instead.


 74.1879, 0.2786,
0.3701

 74.1879, 0.2786,
0.3701


475.1216, 0.2946,
0.3506

 54.9478, 0.2749,
0.3747


 125.1621, 0.2842,
0.3632

 39.3600, 0.2703,
0.3804


 157.6651, 0.2863,
0.3606

 27.0399, 0.2645,
0.3877


195.3578, 0.2882,
0.3583

 17.6032, 0.2568,
0.3975

238.6247, 0.2898,
0.3564

 10.6655, 0.2462,
0.4112

287.8501, 0.2912,
0.3547

 5.8424, 0.2308,
0.4316

343.4185, 0.2925,

 2.7495, 0.2063,

0.3531

405.7142, 0.2936,
0.3518

0.4650

1.0024, 0.0741,
0.6096

0.0000, 0.0000,
0.0000

74.1879, 0.2786,
0.3701

74.1879, 0.2786,
0.3701

71.6374, 0.2713,
0.3837

77.2448, 0.2871,
0.3574

69.5550, 0.2654,
0.3981

80.8258, 0.2963,
0.3458

67.9116, 0.2613,
0.4130

84.9586, 0.3061,
0.3353

66.6705, 0.2592,
0.4282

89.6665, 0.3162,
0.3259

■ 65.7893, 0.2591,
0.4433

■ 91.3049, 0.3142,
0.3170

■ 65.2143, 0.2610,
0.4580

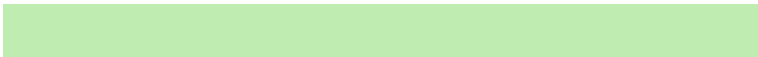
■ 91.3994, 0.3133,
0.3156

■ 65.0574, 0.2620,
0.4631

Harmonies

Analogous

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



74.1879, 0.3185, 0.3982



74.1879, 0.2786, 0.3701



74.1879, 0.2491, 0.3297

Triad

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



74.1879, 0.2786, 0.3701



74.1879, 0.2653, 0.2616



74.1879, 0.3958, 0.3568

Complementary

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



74.1879, 0.2786, 0.3701



45.0479, 0.3668, 0.2918

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.



74.1879, 0.3800, 0.3230



74.1879, 0.2786, 0.3701



74.1879, 0.3024, 0.2703

Square

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



74.1879, 0.2786, 0.3701



74.1879, 0.2420, 0.2687



74.1879, 0.3449, 0.2923



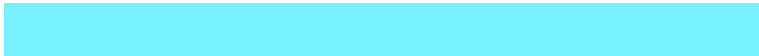
74.1879, 0.3874, 0.3865

Rectangle

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



74.1879, 0.2786, 0.3701



74.1879, 0.2384, 0.3037



74.1879, 0.3449, 0.2923



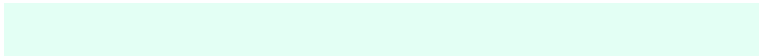
74.1879, 0.3932, 0.3456

Sweetspot

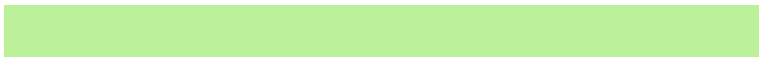
The Sweet Spot groups the original color and five complimentary colors.



74.1909, 0.2786, 0.3701



94.3850, 0.3017, 0.3399



75.9293, 0.3302, 0.4324



20.0659, 0.3004, 0.3413



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.



74.1909, 0.2786, 0.3701



82.0800, 0.2729, 0.3803



70.9469, 0.2600, 0.3185



17.8196, 0.3032, 0.3383



35.3015, 0.2613, 0.4607



2.9562, 0.2559, 0.4413

Inverse Universe

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



45.0479, 0.3668, 0.2918



44.3944, 0.3835, 0.2842



46.7499, 0.3981, 0.3390



15.8598, 0.3233, 0.3199



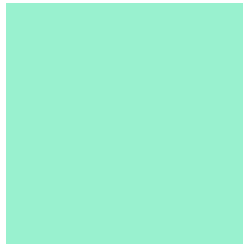
10.5941, 0.5434, 0.2767



0.9002, 0.5080, 0.2572

Previews

White Background



This preview shows how the Yxy color 74.1879, 0.2786, 0.3701 looks on a white background.

Color Contrast Check

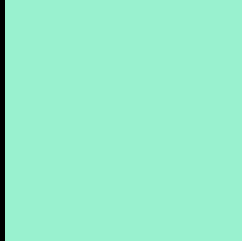
Large Text (above 18pt) WCAG AA × Fail

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 74.1879, 0.2786, 0.3701 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

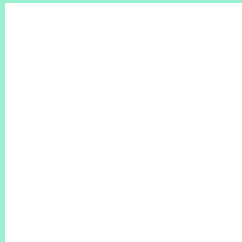
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1879, 0.2786, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 74.1879, 0.2786, 0.3701.

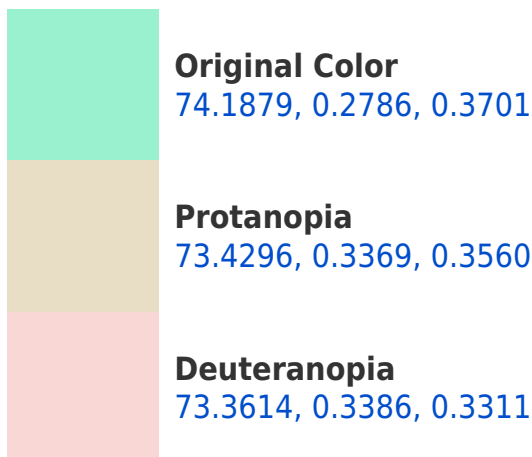


This preview shows how white text looks on a background with the Yxy color 74.1879, 0.2786, 0.3701.

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

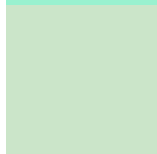
73.8300, 0.2601, 0.3074

Trichromacy



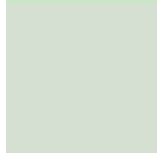
Original Color

74.1879, 0.2786, 0.3701



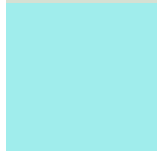
Protanomaly

72.9522, 0.3126, 0.3609



Deuteranomaly

72.1606, 0.3134, 0.3435



Tritanomaly

74.0981, 0.2669, 0.3300

Monochromacy



Original Color

74.1879, 0.2786, 0.3701



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.8428, 0.2982, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1879, 0.2786, 0.3701 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(153, 241, 207)` looks like.

```
.text, #text, p{  
    color:rgb(153, 241, 207)  
}
```

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(153, 241, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 241, 207) }
```

Border

The CSS property to change the border of an element to Yxy 74.1879, 0.2786, 0.3701 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(153, 241, 207) }
```

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

```
.border{ border-color:rgb(153, 241, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 241, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(153, 241,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1879, 0.2786, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 241, 207) }
```

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

```
.background{ background-color: rgb(153,  
241, 207) }
```

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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