

Converting Colors

$Yxy(74.8976, 0.3201, 0.4367)$

Have a look what the booklet for
Yxy(74.8976, 0.3201, 0.4367)
contains.

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Color

Yxy(74.6884, 0.3199, 0.4365)

Conversions

Conversions Part 1

Format	Color
Hex	ADF299
RGB	173, 242, 153
RGB Percent	68%, 95%, 60%
CMY	0.3216, 0.0510, 0.3999
CMYK	0.29, 0.00, 0.37, 0.05
HSL	107°, 77%, 77%
HSV	107°, 37%, 95%
XYZ	54.7373, 74.6884, 41.6818
YIQ	211.2230, -12.5550, -42.3070

Conversions

Conversions Part 2

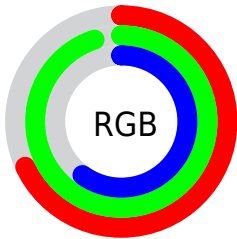
Format	Color
RYB	153, 242, 222
Decimal	11399833
CIELab	89.25, -37.66, 36.24
CIELCh	89, 52.264, 136.099
Yxy	74.6884, 0.3199, 0.4365
Android (android.graphics.Color)	4289589913 (0xFFADF299)
YUV	211.2230, -28.7039, -33.5216
Hunter-Lab	86.4225, -38.1830, 31.9000

Details

The Yxy color **74.6884, 0.3199, 0.4365** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **44.7401, 0.2999, 0.2331**, and the grayscale version is **65.4994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8971, 0.3242, 0.3775**, and **39.4891, 0.3190, 0.4637** is the 20% darker color. If you saturate the color by 10%, you get **71.9796, 0.3206, 0.4702**, and if you desaturate by 10%, it is **77.8664, 0.3185, 0.4039**.

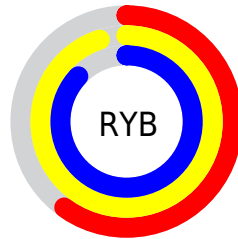
Distribution



Red (68%)

Green (95%)

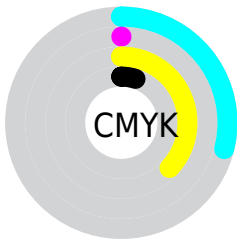
Blue (60%)



Red (60%)

Yellow (95%)

Blue (87%)

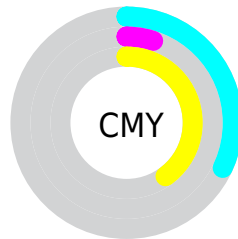


Cyan (29%)

Magenta (0%)

Yellow (37%)

Black (5%)



Cyan (32%)


Magenta (5%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6884, 0.3199, 0.4365 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 74.6884, 0.3199, 0.4365 by changing the saturation by 10% instead.


 74.6884, 0.3199,
0.4365


 74.6884, 0.3199,
0.4365


476.8459, 0.3184,
0.3843

 55.3577, 0.3197,
0.4489


 125.8712, 0.3198,
0.4180

 39.6881, 0.3192,
0.4645


 158.4920, 0.3196,
0.4109

 27.2955, 0.3180,
0.4845


196.3116, 0.3194,
0.4048

 17.7953, 0.3156,
0.5111

239.7145, 0.3192,
0.3996

 10.8031, 0.3106,
0.5476

289.0849, 0.3190,
0.3950

 5.9346, 0.2996,
0.6001


344.8074, 0.3188,

 2.8053, 0.2880,


0.3910


0.7120


407.2662, 0.3186,
0.3875

 1.0310, 0.0495,
0.9505


 0.0000, 0.0000,
0.0000

 74.6884, 0.3199,
0.4365

 74.6884, 0.3199,
0.4365


 71.9796, 0.3206,
0.4702

 77.8664, 0.3185,
0.4039


 69.7080, 0.3204,
0.5035

 81.5248, 0.3165,
0.3736

 67.8525, 0.3190,
0.5343

 85.6861, 0.3143,
0.3460

 66.3865, 0.3165,
0.5602

 90.3689, 0.3119,
0.3213

■ 65.2796, 0.3130,
0.5795

■ 91.9864, 0.3133,
0.3165

■ 64.4962, 0.3088,
0.5913

■ 64.2992, 0.3075,
0.5940

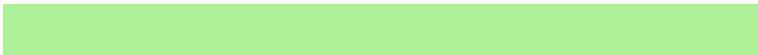
Harmonies

Analogous

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



74.6884, 0.3791, 0.4397



74.6884, 0.3199, 0.4365



74.6884, 0.2618, 0.3931

Triad

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



74.6884, 0.3199, 0.4365



74.6884, 0.2103, 0.2407



74.6884, 0.4134, 0.3174

Complementary

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



74.6884, 0.3199, 0.4365



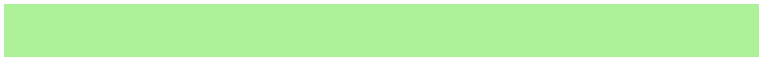
44.7401, 0.2999, 0.2331

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.



74.6884, 0.3592, 0.2749



74.6884, 0.3199, 0.4365



74.6884, 0.2423, 0.2320

Square

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



74.6884, 0.3199, 0.4365



74.6884, 0.2024, 0.2734



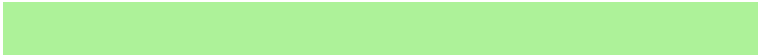
74.6884, 0.2954, 0.2446



74.6884, 0.4370, 0.3651

Rectangle

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



74.6884, 0.3199, 0.4365



74.6884, 0.2314, 0.3507



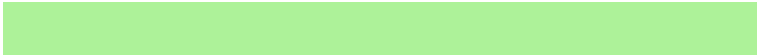
74.6884, 0.2954, 0.2446



74.6884, 0.3978, 0.3023

Sweetspot

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



74.6916, 0.3199, 0.4365



94.4281, 0.3153, 0.3574



73.0207, 0.3753, 0.4013



20.0751, 0.3156, 0.3612



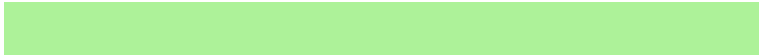
0.0000, 0.0000, 0.0000



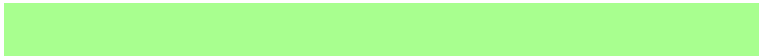
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6916, 0.3199, 0.4365



81.8196, 0.3205, 0.4613



73.4467, 0.2948, 0.4100



17.8274, 0.3149, 0.3532



34.5906, 0.3084, 0.5933



2.9205, 0.3171, 0.5864

Inverse Universe

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



44.7401, 0.2999, 0.2331



43.5984, 0.2964, 0.2139



46.7479, 0.3376, 0.2600



15.8421, 0.3102, 0.3055



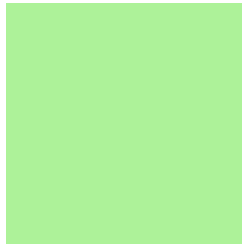
9.2301, 0.2647, 0.1232



0.8112, 0.2725, 0.1275

Previews

White Background



This preview shows how the Yxy color 74.6884, 0.3199, 0.4365 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 74.6884, 0.3199, 0.4365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

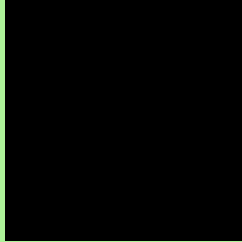
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6884, 0.3199, 0.4365

Background



This preview shows how black text looks on a background with the Yxy color 74.6884, 0.3199, 0.4365.

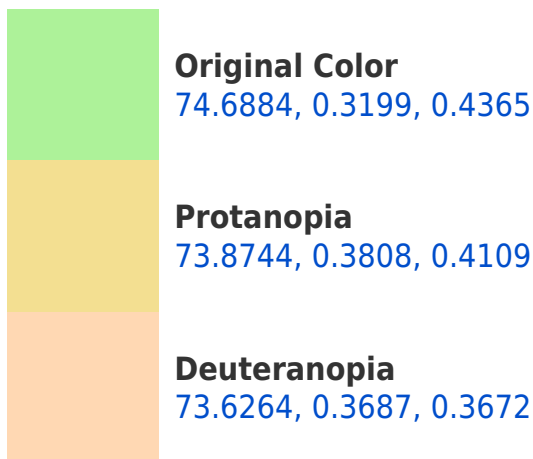


This preview shows how white text looks on a background with the Yxy color 74.6884, 0.3199, 0.4365.

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

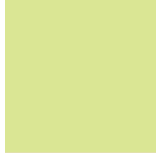
74.2520, 0.2753, 0.3080

Trichromacy



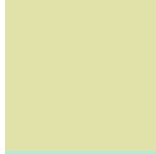
Original Color

74.6884, 0.3199, 0.4365



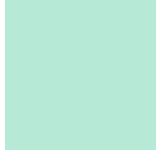
Protanomaly

73.6372, 0.3572, 0.4205



Deuteranomaly

72.7603, 0.3495, 0.3899



Tritanomaly

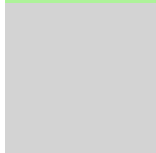
73.7680, 0.2916, 0.3521

Monochromacy



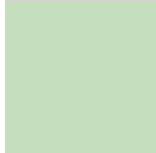
Original Color

74.6884, 0.3199, 0.4365



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.8306, 0.3159, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6884, 0.3199, 0.4365 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(173, 242, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 242, 153)  
}
```

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(173, 242, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 242, 153) }
```

Border

The CSS property to change the border of an element to Yxy 74.6884, 0.3199, 0.4365 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(173, 242, 153) }
```

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

```
.border{ border-color:rgb(173, 242, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 242, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 242, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 242, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 242,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6884, 0.3199, 0.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 242, 153) }
```

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

```
.background{ background-color: rgb(173,  
242, 153) }
```

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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