

Converting Colors

$Yxy(74.7353, 0.2951, 0.3905)$

Have a look what the booklet for
Yxy(74.7353, 0.2951, 0.3905)
contains.

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Color

Yxy(74.7353, 0.2951, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	A6F1BE
RGB	166, 241, 190
RGB Percent	65%, 95%, 75%
CMY	0.3490, 0.0549, 0.2548
CMYK	0.31, 0.00, 0.21, 0.05
HSL	139°, 73%, 80%
HSV	139°, 31%, 95%
XYZ	56.4773, 74.7353, 60.1710
YIQ	212.7610, -28.3290, -31.7610

Conversions

Conversions Part 2

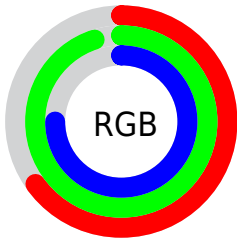
Format	Color
RYB	166, 223, 241
Decimal	10940862
CIELab	89.27, -33.39, 17.37
CIELCh	89, 37.641, 152.511
Yxy	74.7353, 0.2951, 0.3905
Android (android.graphics.Color)	4289130942 (0xFFA6F1BE)
YUV	212.7610, -11.2212, -41.0094
Hunter-Lab	86.4496, -34.6731, 19.2474

Details

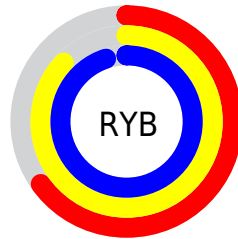
The Yxy color **74.7353, 0.2951, 0.3905** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.9857, 0.3364, 0.2747**, and the grayscale version is **66.4651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8618, 0.2983, 0.3381**, and **39.9488, 0.2902, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **71.6964, 0.2903, 0.4146**, and if you desaturate by 10%, it is **78.3490, 0.3005, 0.3684**.

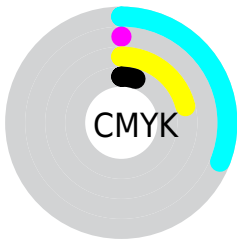
Distribution



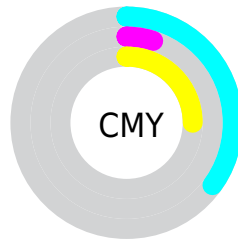
- Red (65%)
- Green (95%)
- Blue (75%)



- Red (65%)
- Yellow (87%)
- Blue (95%)



- Cyan (31%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (35%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7353, 0.2951, 0.3905 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 74.7353, 0.2951, 0.3905 by changing the saturation by 10% instead.


 74.7353, 0.2951,
0.3905

 74.7353, 0.2951,
0.3905


477.0073, 0.3038,
0.3609

 55.3961, 0.2930,
0.3975


 125.9376, 0.2982,
0.3800

 39.7189, 0.2902,
0.4064


 158.5694, 0.2994,
0.3760

 27.3195, 0.2867,
0.4178


196.4010, 0.3004,
0.3726

 17.8133, 0.2818,
0.4331

239.8165, 0.3013,
0.3696

 10.8160, 0.2747,
0.4547

289.2006, 0.3021,
0.3670

 5.9433, 0.2637,
0.4871


344.9374, 0.3027,

 2.8106, 0.2443,


0.3648


0.5410

407.4115, 0.3033,
0.3627

 1.0337, 0.1342,
0.8658


 0.0000, 0.0000,
0.0000


 74.7353, 0.2951,
0.3905


 74.7353, 0.2951,
0.3905


 71.6964, 0.2903,
0.4146


 78.3490, 0.3005,
0.3684

 69.1930, 0.2863,
0.4402

 82.5558, 0.3062,
0.3485

 67.1954, 0.2836,
0.4666

 87.3849, 0.3121,
0.3308

 65.6671, 0.2824,
0.4930

 91.3924, 0.3133,
0.3156

■ 64.5664, 0.2830,
0.5180

■ 63.8438, 0.2852,
0.5404

■ 63.4503, 0.2882,
0.5575

Harmonies

Analogous

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



74.7353, 0.3396, 0.4097



74.7353, 0.2951, 0.3905



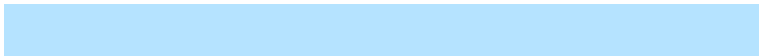
74.7353, 0.2571, 0.3506

Triad

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



74.7353, 0.2951, 0.3905



74.7353, 0.2479, 0.2580



74.7353, 0.3976, 0.3415

Complementary

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



74.7353, 0.2951, 0.3905



50.9857, 0.3364, 0.2747

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.



74.7353, 0.3695, 0.3062



74.7353, 0.2951, 0.3905



74.7353, 0.2815, 0.2598

Square

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



74.7353, 0.2951, 0.3905



74.7353, 0.2315, 0.2738



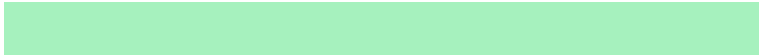
74.7353, 0.3259, 0.2771



74.7353, 0.4006, 0.3766

Rectangle

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



74.7353, 0.2951, 0.3905



74.7353, 0.2400, 0.3208



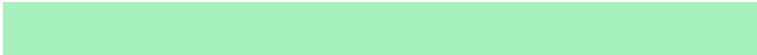
74.7353, 0.3259, 0.2771



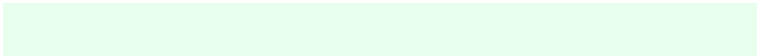
74.7353, 0.3907, 0.3294

Sweetspot

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



74.7384, 0.2951, 0.3905



94.9396, 0.3075, 0.3447



80.4565, 0.3428, 0.4114



20.1577, 0.3066, 0.3474



0.0000, 0.0000, 0.0000



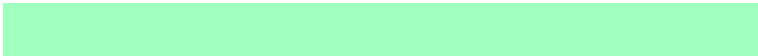
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7384, 0.2951, 0.3905



82.8159, 0.2921, 0.4047



76.5801, 0.2750, 0.3448



17.7398, 0.3072, 0.3455



34.4285, 0.2874, 0.5546



2.8816, 0.2801, 0.5282

Inverse Universe

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



50.9857, 0.3364, 0.2747



52.0527, 0.3424, 0.2641



49.2615, 0.3705, 0.3140



15.9403, 0.3187, 0.3131



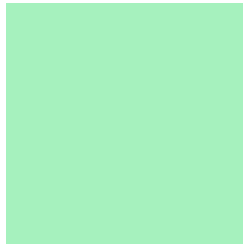
11.6172, 0.4222, 0.2099



0.9845, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 74.7353, 0.2951, 0.3905 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 74.7353, 0.2951, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

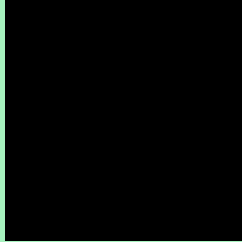
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7353, 0.2951, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 74.7353, 0.2951, 0.3905.

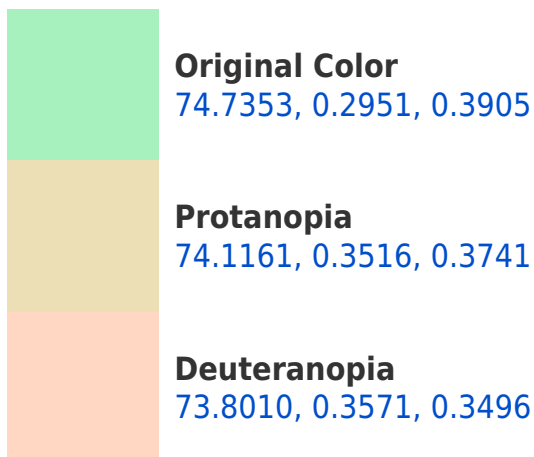


This preview shows how white text looks on a background with the Yxy color 74.7353, 0.2951, 0.3905.

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

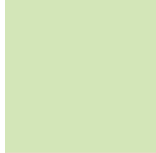
74.7078, 0.2684, 0.3089

Trichromacy



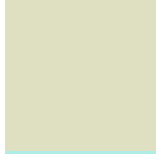
Original Color

74.7353, 0.2951, 0.3905



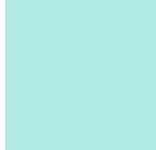
Protanomaly

73.9032, 0.3290, 0.3810



Deuteranomaly

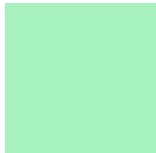
72.8495, 0.3326, 0.3632



Tritanomaly

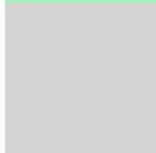
74.6467, 0.2780, 0.3370

Monochromacy



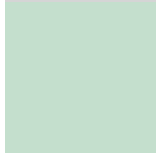
Original Color

74.7353, 0.2951, 0.3905



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.9189, 0.3055, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7353, 0.2951, 0.3905 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(166, 241, 190)` looks like.

```
.text, #text, p{  
    color:rgb(166, 241, 190)  
}
```

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(166, 241, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 241, 190) }
```

Border

The CSS property to change the border of an element to Yxy 74.7353, 0.2951, 0.3905 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(166, 241, 190) }
```

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

```
.border{ border-color:rgb(166, 241, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 241, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 241, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 241, 190);  
box-shadow:4px 4px 4px 4px rgb(166, 241,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7353, 0.2951, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 241, 190) }
```

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

```
.background{ background-color: rgb(166,  
241, 190) }
```

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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