

Converting Colors

Yxy(74.1641, 0.3288, 0.4544)

Have a look what the booklet for
Yxy(74.1641, 0.3288, 0.4544)
contains.

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Color

Yxy(74.3379, 0.3286, 0.4541)

Conversions

Conversions Part 1

Format	Color
Hex	AEF28A
RGB	174, 242, 138
RGB Percent	68%, 95%, 54%
CMY	0.3177, 0.0509, 0.4587
CMYK	0.28, 0.00, 0.43, 0.05
HSL	99°, 80%, 75%
HSV	99°, 43%, 95%
XYZ	53.7931, 74.3379, 35.5728
YIQ	209.8120, -7.1440, -46.7600

Conversions

Conversions Part 2

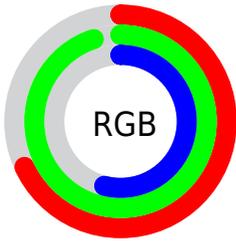
Format	Color
RYB	138, 242, 206
Decimal	11465354
CIELab	89.08, -39.35, 43.43
CIElCh	89, 58.606, 132.182
Yxy	74.3379, 0.3286, 0.4541
Android (android.graphics.Color)	4289655434 (0xFFAEF28A)
YUV	209.8120, -35.4033, -31.4071
Hunter-Lab	86.2194, -39.5163, 35.8914

Details

The Yxy color **74.3379, 0.3286, 0.4541** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.7327, 0.2859, 0.2132**, and the grayscale version is **64.5597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3592, 0.3336, 0.3933**, and **39.2917, 0.3292, 0.4856** is the 20% darker color. If you saturate the color by 10%, you get **72.0036, 0.3302, 0.4862**, and if you desaturate by 10%, it is **77.0493, 0.3258, 0.4220**.

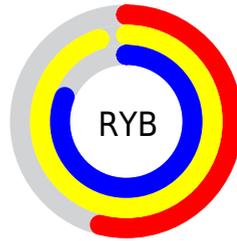
Distribution



Red (68%)

Green (95%)

Blue (54%)



Red (54%)

Yellow (95%)

Blue (81%)

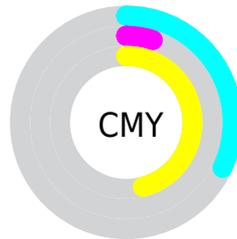


Cyan (28%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (32%)

Magenta (5%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3379, 0.3286, 0.4541 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 74.3379, 0.3286, 0.4541 by changing the saturation by 10% instead.

 74.3379, 0.3286,
0.4541

 74.3379, 0.3286,
0.4541

475.6388, 0.3238,
0.3933

 55.0706, 0.3289,
0.4685

 125.3747, 0.3275,
0.4326

 39.4583, 0.3289,
0.4864

 157.9130, 0.3269,
0.4243

 27.1164, 0.3281,
0.5092

 195.6438, 0.3263,
0.4173

 17.6607, 0.3256,
0.5392

238.9515, 0.3258,
0.4112

 10.7067, 0.3197,
0.5794

288.2204, 0.3252,
0.4059

 5.8699, 0.3086,
0.6402

343.8350, 0.3247,

 2.7662, 0.2779,

0.4012

0.7221

406.1797, 0.3242,
0.3970

 1.0109, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000

 74.3379, 0.3286,
0.4541

 74.3379, 0.3286,
0.4541

 72.0036, 0.3302,
0.4862

 77.0493, 0.3258,
0.4220

 70.0187, 0.3304,
0.5165

 80.1447, 0.3223,
0.3912

 68.3670, 0.3289,
0.5433

 83.6427, 0.3182,
0.3625

 67.0264, 0.3257,
0.5646

 87.5581, 0.3140,
0.3363

 65.9715, 0.3210,
0.5794

 91.6413, 0.3121,
0.3165

 65.3776, 0.3173,
0.5863

 91.9892, 0.3133,
0.3166

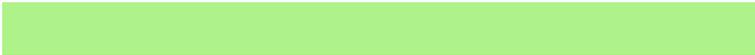
Harmonies

Analogous

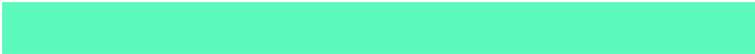
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3379, 0.3935, 0.4499



74.3379, 0.3286, 0.4541



74.3379, 0.2629, 0.4103

Triad

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



74.3379, 0.3286, 0.4541



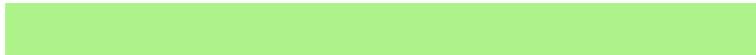
74.3379, 0.1968, 0.2337



74.3379, 0.4194, 0.3087

Complementary

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



74.3379, 0.3286, 0.4541



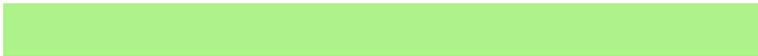
37.7327, 0.2859, 0.2132

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.



74.3379, 0.3552, 0.2637



74.3379, 0.3286, 0.4541



74.3379, 0.2283, 0.2216

Square

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



74.3379, 0.3286, 0.4541



74.3379, 0.1916, 0.2728



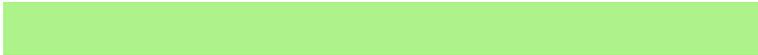
74.3379, 0.2841, 0.2328



74.3379, 0.4511, 0.3606

Rectangle

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



74.3379, 0.3286, 0.4541



74.3379, 0.2276, 0.3627



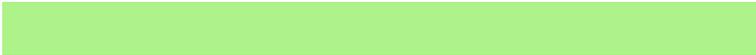
74.3379, 0.2841, 0.2328



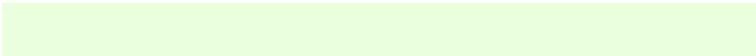
74.3379, 0.4005, 0.2926

Sweetspot

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



74.3411, 0.3286, 0.4541



94.1613, 0.3183, 0.3627



64.6747, 0.3923, 0.4015



19.9594, 0.3192, 0.3689



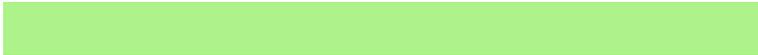
0.0000, 0.0000, 0.0000



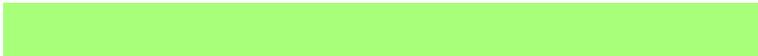
21.4041, 0.3127, 0.3290

Same Dimension

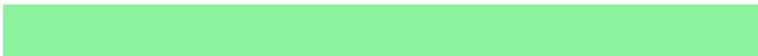
The Same Dimension uses a secret algorithm to generate beautiful new colors.



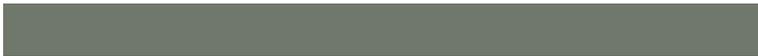
74.3411, 0.3286, 0.4541



81.2851, 0.3302, 0.4836



71.2370, 0.2986, 0.4427



17.9219, 0.3168, 0.3530



35.1869, 0.3184, 0.5854



2.9804, 0.3284, 0.5774

Inverse Universe

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



37.7327, 0.2859, 0.2132



34.8177, 0.2781, 0.1884



42.5813, 0.3316, 0.2373



15.7421, 0.3083, 0.3053



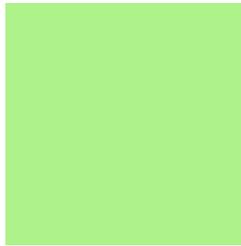
7.4473, 0.2355, 0.1071



0.6745, 0.2469, 0.1134

Previews

White Background



This preview shows how the Yxy color 74.3379, 0.3286, 0.4541 looks on a white background.

Color Contrast Check

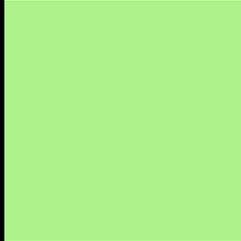
Large Text (above 18pt) WCAG AA × Fail

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 74.3379, 0.3286, 0.4541 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 74.3379, 0.3286, 0.4541

Background



This preview shows how black text looks on a background with the Yxy color 74.3379, 0.3286, 0.4541.

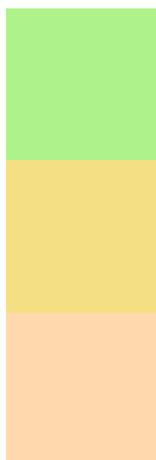


This preview shows how white text looks on a background with the Yxy color 74.3379, 0.3286, 0.4541.

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

74.3379, 0.3286, 0.4541

Protanopia

73.6471, 0.3906, 0.4243

Deuteranopia

73.4277, 0.3724, 0.3723



Tritanopia

73.8923, 0.2770, 0.3080

Trichromacy



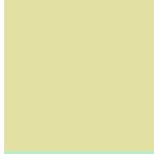
Original Color

74.3379, 0.3286, 0.4541



Protanomaly

73.3749, 0.3665, 0.4351



Deuteranomaly

72.5924, 0.3563, 0.3997



Tritanomaly

73.7140, 0.2963, 0.3592

Monochromacy



Original Color

74.3379, 0.3286, 0.4541



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.5736, 0.3198, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3379, 0.3286, 0.4541 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(174, 242, 138)` looks like.

```
.text, #text, p{  
    color:rgb(174, 242, 138)  
}
```

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(174, 242, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 242, 138) }
```

Border

The CSS property to change the border of an element to Yxy 74.3379, 0.3286, 0.4541 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(174, 242, 138) }
```

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

```
.border{ border-color:rgb(174, 242, 138) }
```

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

Here you see how a box with a 4 pixel rgb(174, 242, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 242, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 242, 138);  
box-shadow:4px 4px 4px 4px rgb(174, 242,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3379, 0.3286, 0.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 242, 138) }
```

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

```
.background{ background-color: rgb(174,  
242, 138) }
```

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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