

Converting Colors

$Yxy(74.0695, 0.3243, 0.4011)$

Have a look what the booklet for
Yxy(74.0695, 0.3243, 0.4011)
contains.

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Color

Yxy(74.1696, 0.3246, 0.4012)

Conversions

Conversions Part 1

Format	Color
Hex	C4EBAD
RGB	196, 235, 173
RGB Percent	77%, 92%, 68%
CMY	0.2315, 0.0784, 0.3215
CMYK	0.17, 0.00, 0.26, 0.08
HSL	98°, 61%, 80%
HSV	98°, 26%, 92%
XYZ	60.0086, 74.1696, 50.6912
YIQ	216.2710, -3.3420, -27.5500

Conversions

Conversions Part 2

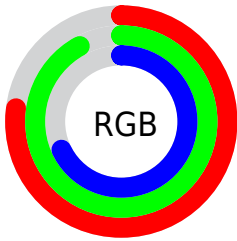
Format	Color
R _{YB}	173, 235, 212
Decimal	12905389
CIE Lab	89.00, -23.66, 26.03
CIE LCh	89, 35.176, 132.267
Yxy	74.1696, 0.3246, 0.4012
Android (android.graphics.Color)	4291095469 (0xFFC4EBAD)
YUV	216.2710, -21.3326, -17.7777
Hunter-Lab	86.1218, -26.3365, 25.3872

Details

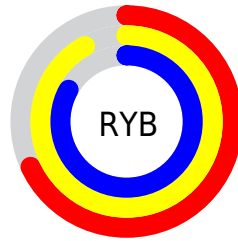
The Yxy color **74.1696, 0.3246, 0.4012** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **49.8953, 0.2971, 0.2596**, and the grayscale version is **69.0110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0598, 0.3267, 0.3543**, and **39.3470, 0.3271, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **71.4540, 0.3283, 0.4323**, and if you desaturate by 10%, it is **77.2475, 0.3203, 0.3719**.

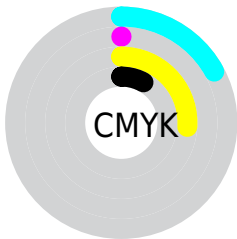
Distribution



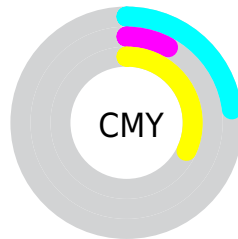
- Red (77%)
- Green (92%)
- Blue (68%)



- Red (68%)
- Yellow (92%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1696, 0.3246, 0.4012 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 74.1696, 0.3246, 0.4012 by changing the saturation by 10% instead.

 74.1696, 0.3246,
0.4012

 74.1696, 0.3246,
0.4012


475.0585, 0.3199,
0.3666

 54.9329, 0.3255,
0.4093

 125.1362, 0.3231,
0.3890

 39.3480, 0.3264,
0.4195


157.6348, 0.3225,
0.3843

 27.0305, 0.3274,
0.4326


195.3229, 0.3220,
0.3803

 17.5962, 0.3283,
0.4500

238.5848, 0.3215,
0.3768

 10.6604, 0.3287,
0.4741

287.8049, 0.3210,
0.3738

 5.8390, 0.3278,
0.5095


343.3677, 0.3206,

 2.7474, 0.3273,


0.3711


0.5744

405.6574, 0.3202,
0.3688


 1.0013, 0.2697,
0.7303


 0.0000, 0.0000,
0.0000


 74.1696, 0.3246,
0.4012


 74.1696, 0.3246,
0.4012


 71.4540, 0.3283,
0.4323


 77.2475, 0.3203,
0.3719


 69.0769, 0.3311,
0.4641

 80.6913, 0.3157,
0.3449

 67.0267, 0.3326,
0.4954

 84.5165, 0.3110,
0.3205

 65.2869, 0.3325,
0.5244

 87.9050, 0.3136,
0.3098

■ 63.8395, 0.3306,
0.5492

■ 62.6642, 0.3269,
0.5682

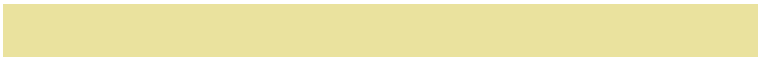
■ 61.7367, 0.3218,
0.5808

■ 61.4509, 0.3199,
0.5842

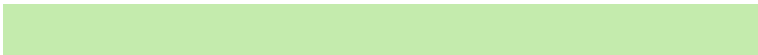
Harmonies

Analogous

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



74.1696, 0.3641, 0.4027



74.1696, 0.3246, 0.4012



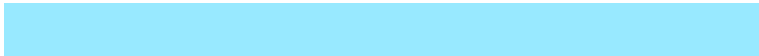
74.1696, 0.2835, 0.3757

Triad

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



74.1696, 0.3246, 0.4012



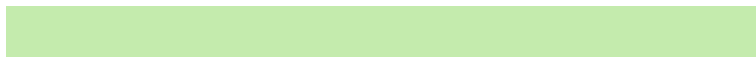
74.1696, 0.2393, 0.2705



74.1696, 0.3766, 0.3181

Complementary

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



74.1696, 0.3246, 0.4012



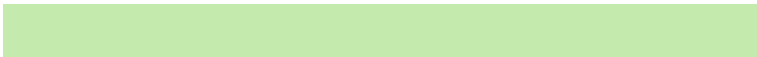
49.8953, 0.2971, 0.2596

Split Complementary

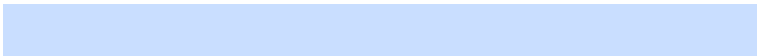
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1696, 0.3392, 0.2881



74.1696, 0.3246, 0.4012



74.1696, 0.2605, 0.2609

Square

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



74.1696, 0.3246, 0.4012



74.1696, 0.2361, 0.2968



74.1696, 0.2964, 0.2676



74.1696, 0.3959, 0.3522

Rectangle

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



74.1696, 0.3246, 0.4012



74.1696, 0.2608, 0.3497



74.1696, 0.2964, 0.2676



74.1696, 0.3656, 0.3074

Sweetspot

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



74.1728, 0.3246, 0.4012



96.3991, 0.3165, 0.3492



67.3925, 0.3587, 0.3710



20.4955, 0.3172, 0.3532



0.0000, 0.0000, 0.0000



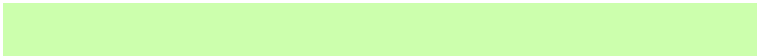
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1728, 0.3246, 0.4012



87.3342, 0.3268, 0.4189



71.6152, 0.3049, 0.3956



17.1336, 0.3171, 0.3530



34.2620, 0.3210, 0.5834



2.7435, 0.3317, 0.5748

Inverse Universe

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



49.8953, 0.2971, 0.2596



53.2354, 0.2928, 0.2433



53.1439, 0.3216, 0.2705



15.0190, 0.3079, 0.3054



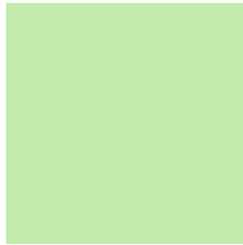
6.9179, 0.2300, 0.1041



0.5976, 0.2425, 0.1110

Previews

White Background



This preview shows how the Yxy color 74.1696, 0.3246, 0.4012 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 74.1696, 0.3246, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

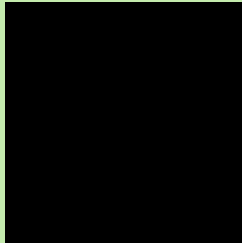
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

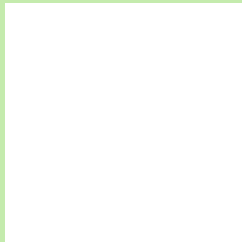
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1696, 0.3246, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 74.1696, 0.3246, 0.4012.

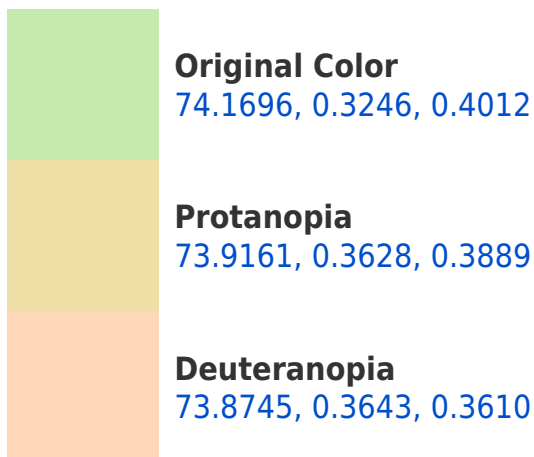


This preview shows how white text looks on a background with the Yxy color 74.1696, 0.3246, 0.4012.

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

74.1898, 0.2889, 0.3095

Trichromacy



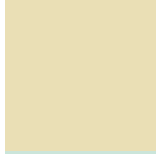
Original Color

74.1696, 0.3246, 0.4012



Protanomaly

73.4907, 0.3482, 0.3933



Deuteranomaly

73.6040, 0.3493, 0.3744



Tritanomaly

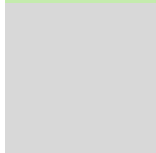
73.7971, 0.3020, 0.3413

Monochromacy



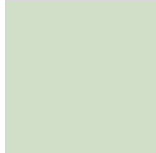
Original Color

74.1696, 0.3246, 0.4012



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.5008, 0.3179, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1696, 0.3246, 0.4012 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(196, 235, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 173)  
}
```

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(196, 235, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 173) }
```

Border

The CSS property to change the border of an element to Yxy 74.1696, 0.3246, 0.4012 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(196, 235, 173) }
```

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

```
.border{ border-color:rgb(196, 235, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 235, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 235, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 235, 173); box-shadow:4px 4px 4px 4px rgb(196, 235, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1696, 0.3246, 0.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 173) }
```

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

```
.background{ background-color: rgb(196,  
235, 173) }
```

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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