

Converting Colors

$Yxy(74.1316, 0.3409, 0.4233)$

Have a look what the booklet for
Yxy(74.1316, 0.3409, 0.4233)
contains.

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Color

Yxy(74.2731, 0.3410, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	CAEB99
RGB	202, 235, 153
RGB Percent	79%, 92%, 60%
CMY	0.2078, 0.0784, 0.3999
CMYK	0.14, 0.00, 0.35, 0.08
HSL	84°, 67%, 76%
HSV	84°, 35%, 92%
XYZ	59.8184, 74.2731, 41.3291
YIQ	215.7850, 6.6540, -32.4980

Conversions

Conversions Part 2

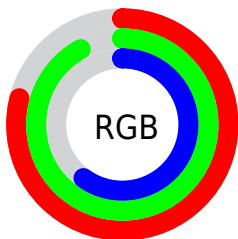
Format	Color
R _{YB}	153, 235, 186
Decimal	13298585
CIE Lab	89.05, -24.32, 36.31
CIE LCh	89, 43.707, 123.814
Yxy	74.2731, 0.3410, 0.4234
Android (android.graphics.Color)	4291488665 (0xFFCAEB99)
YUV	215.7850, -30.9530, -12.0894
Hunter-Lab	86.1818, -26.9222, 31.8944

Details

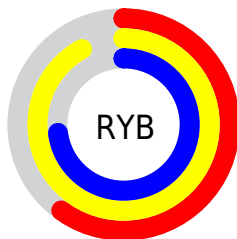
The Yxy color **74.2731, 0.3410, 0.4234** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **39.2291, 0.2750, 0.2313**, and the grayscale version is **68.7306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **39.3828, 0.3459, 0.4466** is the 20% darker color. If you saturate the color by 10%, you get **72.2954, 0.3477, 0.4523**, and if you desaturate by 10%, it is **76.4911, 0.3333, 0.3947**.

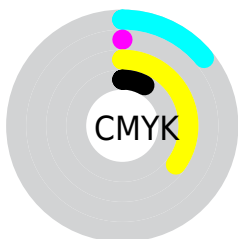
Distribution



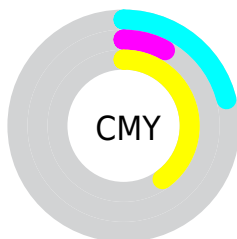
- Red (79%)
- Green (92%)
- Blue (60%)



- Red (60%)
- Yellow (92%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (8%)





- Cyan (21%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2731, 0.3410, 0.4234 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 74.2731, 0.3410, 0.4234 by changing the saturation by 10% instead.


 74.2731, 0.3410,
0.4234


 74.2731, 0.3410,
0.4234


475.4154, 0.3293,
0.3783

 55.0176, 0.3432,
0.4339


 125.2829, 0.3373,
0.4076

 39.4158, 0.3458,
0.4470


 157.8059, 0.3357,
0.4015

 27.0834, 0.3485,
0.4636


195.5203, 0.3343,
0.3962

 17.6358, 0.3513,
0.4853

238.8103, 0.3331,
0.3917

 10.6889, 0.3536,
0.5146

288.0605, 0.3320,
0.3877

 5.8580, 0.3533,
0.5554

343.6551, 0.3310,

 2.7589, 0.3595,


0.3842


0.6405

405.9786, 0.3301,
0.3811

 1.0072, 0.2626,
0.7374


 0.0000, 0.0000,
0.0000


 74.2731, 0.3410,
0.4234


 74.2731, 0.3410,
0.4234


 72.2954, 0.3477,
0.4523


 76.4911, 0.3333,
0.3947


 70.5378, 0.3530,
0.4801


 78.9494, 0.3251,
0.3670

 68.9920, 0.3563,
0.5056


 81.6601, 0.3168,
0.3410


 67.6454, 0.3574,
0.5274


 84.6319, 0.3085,
0.3169

 66.4834, 0.3560,
0.5443

 86.8322, 0.3099,
0.3095

 65.4882, 0.3523,
0.5560

 87.8978, 0.3136,
0.3097

 65.0304, 0.3498,
0.5604

Harmonies

Analogous

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



74.2731, 0.3870, 0.4151



74.2731, 0.3410, 0.4234



74.2731, 0.2896, 0.3998

Triad

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



74.2731, 0.3410, 0.4234



74.2731, 0.2198, 0.2635



74.2731, 0.3807, 0.3040

Complementary

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



74.2731, 0.3410, 0.4234



39.2291, 0.2750, 0.2313

Split Complementary

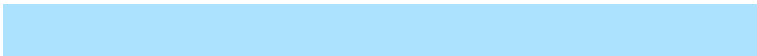
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2731, 0.3301, 0.2707



74.2731, 0.3410, 0.4234



74.2731, 0.2393, 0.2470

Square

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



74.2731, 0.3410, 0.4234



74.2731, 0.2222, 0.3004



74.2731, 0.2783, 0.2503



74.2731, 0.4125, 0.3443

Rectangle

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



74.2731, 0.3410, 0.4234



74.2731, 0.2593, 0.3692



74.2731, 0.2783, 0.2503



74.2731, 0.3651, 0.2918

Sweetspot

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



74.2764, 0.3410, 0.4234



96.5704, 0.3211, 0.3542



55.0028, 0.3829, 0.3660



20.5723, 0.3223, 0.3579



0.0000, 0.0000, 0.0000



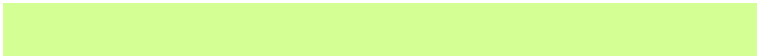
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2764, 0.3410, 0.4234



87.6369, 0.3460, 0.4445



69.3184, 0.3130, 0.4322



17.3072, 0.3206, 0.3527



36.2680, 0.3509, 0.5596



2.9037, 0.3602, 0.5522

Inverse Universe

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



39.2291, 0.2750, 0.2313



39.4450, 0.2649, 0.2086



45.0872, 0.3096, 0.2407



14.8448, 0.3043, 0.3051



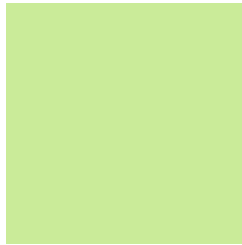
4.7494, 0.1850, 0.0793



0.4276, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 74.2731, 0.3410, 0.4234 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 74.2731, 0.3410, 0.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

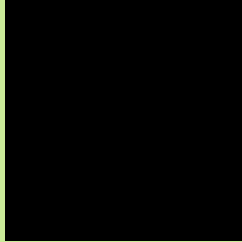
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2731, 0.3410, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 74.2731, 0.3410, 0.4234.

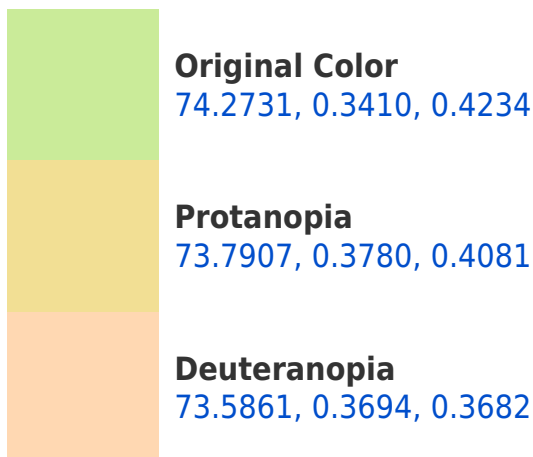


This preview shows how white text looks on a background with the Yxy color 74.2731, 0.3410, 0.4234.

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

74.0183, 0.2946, 0.3097

Trichromacy



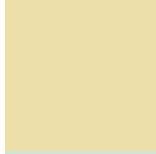
Original Color

74.2731, 0.3410, 0.4234



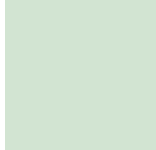
Protanomaly

73.4711, 0.3637, 0.4133



Deuteranomaly

73.4728, 0.3591, 0.3872



Tritanomaly

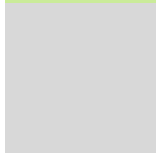
73.8416, 0.3118, 0.3491

Monochromacy



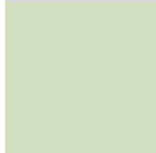
Original Color

74.2731, 0.3410, 0.4234



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.4745, 0.3240, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2731, 0.3410, 0.4234 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(202, 235, 153)` looks like.

```
.text, #text, p{  
    color:rgb(202, 235, 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(202, 235, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 235, 153) }
```

Border

The CSS property to change the border of an element to Yxy 74.2731, 0.3410, 0.4234 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(202, 235, 153) }
```

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

```
.border{ border-color:rgb(202, 235, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 235, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 235, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 235, 153);  
box-shadow:4px 4px 4px 4px rgb(202, 235,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2731, 0.3410, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 235, 153) }
```

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

```
.background{ background-color: rgb(202,  
235, 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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