

Converting Colors

$Yxy(74.5880, 0.3140, 0.4092)$

Have a look what the booklet for
Yxy(74.5880, 0.3140, 0.4092)
contains.

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Color

Yxy(74.4149, 0.3140, 0.4090)

Conversions

Conversions Part 1

Format	Color
Hex	B4EFAC
RGB	180, 239, 172
RGB Percent	71%, 94%, 67%
CMY	0.2943, 0.0627, 0.3254
CMYK	0.25, 0.00, 0.28, 0.06
HSL	113°, 68%, 81%
HSV	113°, 28%, 94%
XYZ	57.1303, 74.4149, 50.3984
YIQ	213.7210, -13.6570, -33.3450

Conversions

Conversions Part 2

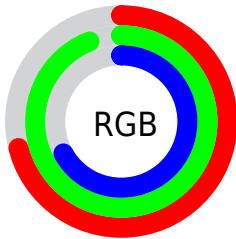
Format	Color
RYB	172, 239, 231
Decimal	11857836
CIELab	89.12, -31.13, 26.53
CIELCh	89, 40.899, 139.560
Yxy	74.4149, 0.3140, 0.4090
Android (android.graphics.Color)	4290047916 (0xFFB4EFAC)
YUV	213.7210, -20.5685, -29.5733
Hunter-Lab	86.2641, -32.7466, 25.7456

Details

The Yxy color **74.4149, 0.3140, 0.4090** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.7546, 0.3095, 0.2578**, and the grayscale version is **67.1934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1260, 0.3171, 0.3561**, and **39.6345, 0.3135, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **71.2414, 0.3139, 0.4428**, and if you desaturate by 10%, it is **78.1444, 0.3138, 0.3777**.

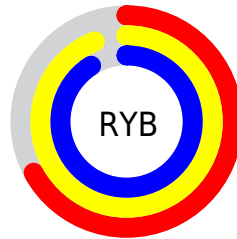
Distribution



Red (71%)

Green (94%)

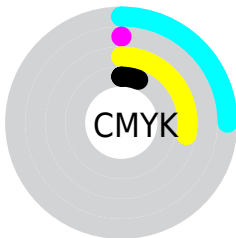
Blue (67%)



Red (67%)

Yellow (94%)

Blue (91%)

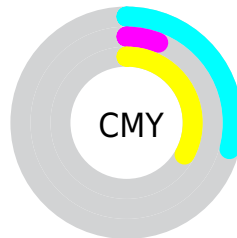


Cyan (25%)

Magenta (0%)

Yellow (28%)

Black (6%)



Cyan (29%)


Magenta (6%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4149, 0.3140, 0.4090 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 74.4149, 0.3140, 0.4090 by changing the saturation by 10% instead.

 74.4149, 0.3140,
0.4090

 74.4149, 0.3140,
0.4090


475.9041, 0.3144,
0.3704

 55.1337, 0.3136,
0.4182


 125.4838, 0.3143,
0.3953

 39.5088, 0.3130,
0.4297

158.0402, 0.3144,
0.3901

 27.1557, 0.3120,
0.4446


195.7906, 0.3145,
0.3856

 17.6902, 0.3103,
0.4645

239.1192, 0.3145,
0.3817

 10.7278, 0.3070,
0.4922

288.4104, 0.3145,
0.3784

 5.8841, 0.3004,
0.5334


344.0487, 0.3144,

 2.7747, 0.2908,

0.3754

0.6103


406.4185, 0.3144,
0.3727

 1.0153, 0.1643,
0.8357


 0.0000, 0.0000,
0.0000


 74.4149, 0.3140,
0.4090


 74.4149, 0.3140,
0.4090

 71.2414, 0.3139,
0.4428

 78.1444, 0.3138,
0.3777


 68.5882, 0.3132,
0.4777

 82.4449, 0.3133,
0.3494

 66.4302, 0.3120,
0.5120

 87.3423, 0.3126,
0.3243

 64.7363, 0.3103,
0.5432

 90.2200, 0.3134,
0.3136

■ 63.4720, 0.3080,
0.5688

■ 62.5978, 0.3054,
0.5868

■ 62.0645, 0.3029,
0.5966

■ 61.9907, 0.3025,
0.5980

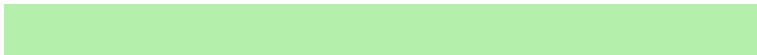
Harmonies

Analogous

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



74.4149, 0.3614, 0.4170



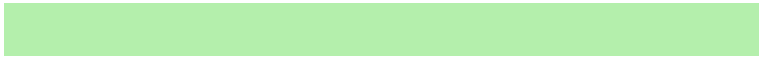
74.4149, 0.3140, 0.4090



74.4149, 0.2684, 0.3732

Triad

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



74.4149, 0.3140, 0.4090



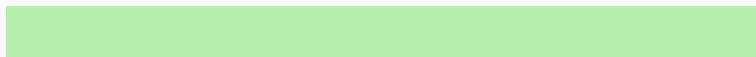
74.4149, 0.2325, 0.2570



74.4149, 0.3949, 0.3253

Complementary

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



74.4149, 0.3140, 0.4090



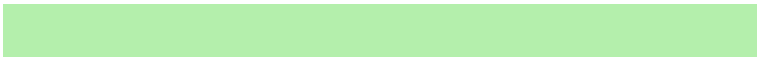
52.7546, 0.3095, 0.2578

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.



74.4149, 0.3551, 0.2895



74.4149, 0.3140, 0.4090



74.4149, 0.2611, 0.2512

Square

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



74.4149, 0.3140, 0.4090



74.4149, 0.2237, 0.2821



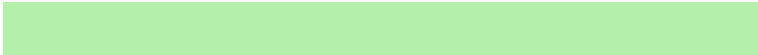
74.4149, 0.3053, 0.2631



74.4149, 0.4106, 0.3642

Rectangle

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



74.4149, 0.3140, 0.4090



74.4149, 0.2449, 0.3408



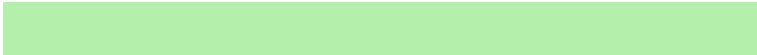
74.4149, 0.3053, 0.2631



74.4149, 0.3838, 0.3126

Sweetspot

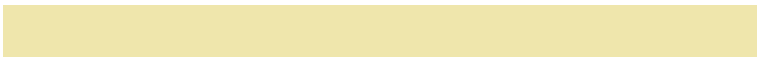
The Sweet Spot groups the original color and five complimentary colors.



74.4181, 0.3140, 0.4090



95.5019, 0.3133, 0.3494



77.9717, 0.3574, 0.3905



20.2710, 0.3133, 0.3534



0.0000, 0.0000, 0.0000



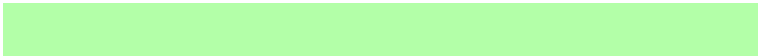
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4181, 0.3140, 0.4090



83.8893, 0.3140, 0.4294



74.5271, 0.2950, 0.3795



17.7459, 0.3133, 0.3533



34.2824, 0.3030, 0.5976



2.8809, 0.3091, 0.5928

Inverse Universe

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



52.7546, 0.3095, 0.2578



54.7026, 0.3085, 0.2422



52.7492, 0.3361, 0.2834



15.9310, 0.3119, 0.3056



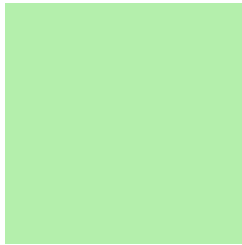
11.1129, 0.2913, 0.1378



0.9511, 0.2954, 0.1401

Previews

White Background



This preview shows how the Yxy color 74.4149, 0.3140, 0.4090 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 74.4149, 0.3140, 0.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

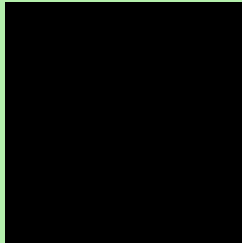
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

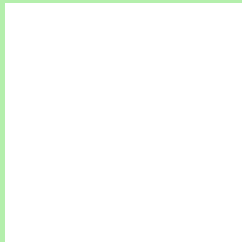
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4149, 0.3140, 0.4090

Background



This preview shows how black text looks on a background with the Yxy color 74.4149, 0.3140, 0.4090.

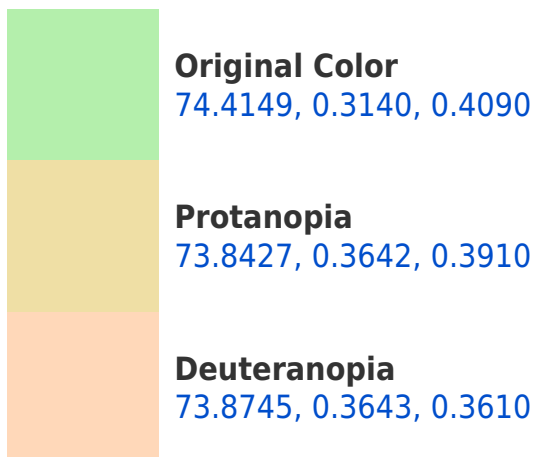


This preview shows how white text looks on a background with the Yxy color 74.4149, 0.3140, 0.4090.

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

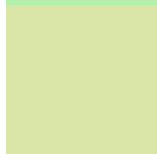
74.1534, 0.2782, 0.3081

Trichromacy



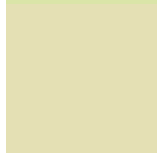
Original Color

74.4149, 0.3140, 0.4090



Protanomaly

73.7712, 0.3447, 0.3973



Deuteranomaly

73.1006, 0.3452, 0.3773



Tritanomaly

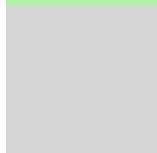
74.1365, 0.2912, 0.3438

Monochromacy



Original Color

74.4149, 0.3140, 0.4090



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.4554, 0.3135, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4149, 0.3140, 0.4090 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(180, 239, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 239, 172)  
}
```

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(180, 239, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 239, 172) }
```

Border

The CSS property to change the border of an element to Yxy 74.4149, 0.3140, 0.4090 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(180, 239, 172) }
```

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

```
.border{ border-color:rgb(180, 239, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 239, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 239, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 239, 172); box-shadow:4px 4px 4px 4px rgb(180, 239, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4149, 0.3140, 0.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 239, 172) }
```

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

```
.background{ background-color: rgb(180,  
239, 172) }
```

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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