

Converting Colors

Yxy(74.6383, 0.3126, 0.4121)

Have a look what the booklet for
Yxy(74.6383, 0.3126, 0.4121)
contains.

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Color

Yxy(74.6076, 0.3126, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	B1F0AB
RGB	177, 240, 171
RGB Percent	69%, 94%, 67%
CMY	0.3060, 0.0588, 0.3295
CMYK	0.26, 0.00, 0.29, 0.06
HSL	115°, 70%, 81%
HSV	115°, 29%, 94%
XYZ	56.6351, 74.6076, 49.9317
YIQ	213.2970, -15.3990, -34.8150

Conversions

Conversions Part 2

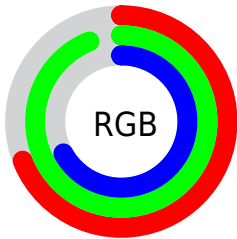
Format	Color
RYB	171, 240, 234
Decimal	11661483
CIELab	89.21, -32.74, 27.16
CIELCh	89, 42.543, 140.318
Yxy	74.6076, 0.3126, 0.4118
Android (android.graphics.Color)	4289851563 (0xFFB1F0AB)
YUV	213.2970, -20.8524, -31.8325
Hunter-Lab	86.3757, -34.1180, 26.1889

Details

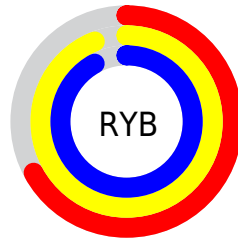
The Yxy color **74.6076, 0.3126, 0.4118** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.9055, 0.3112, 0.2563**, and the grayscale version is **66.8953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5585, 0.3157, 0.3573**, and **39.7999, 0.3117, 0.4341** is the 20% darker color. If you saturate the color by 10%, you get **71.4073, 0.3120, 0.4460**, and if you desaturate by 10%, it is **78.3938, 0.3129, 0.3800**.

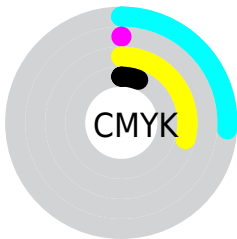
Distribution



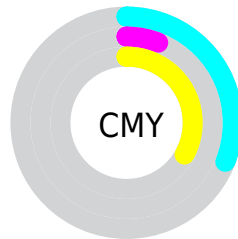
- Red (69%)
- Green (94%)
- Blue (67%)



- Red (67%)
- Yellow (94%)
- Blue (92%)



- Cyan (26%)
- Magenta (0%)
- Yellow (29%)
- Black (6%)





- Cyan (31%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6076, 0.3126, 0.4118 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 74.6076, 0.3126, 0.4118 by changing the saturation by 10% instead.


 74.6076, 0.3126,
0.4118

 74.6076, 0.3126,
0.4118

476.5678, 0.3137,
0.3718

 55.2915, 0.3121,
0.4213


 125.7567, 0.3132,
0.3976

 39.6351, 0.3112,
0.4333


158.3586, 0.3134,
0.3922

 27.2542, 0.3099,
0.4487


196.1577, 0.3135,
0.3875

 17.7642, 0.3077,
0.4694

239.5387, 0.3136,
0.3835

 10.7808, 0.3038,
0.4983

288.8857, 0.3136,
0.3800

 5.9197, 0.2961,
0.5410


344.5833, 0.3137,

 2.7963, 0.2852,

0.3770


0.6221

407.0159, 0.3137,
0.3742

 1.0263, 0.1419,
0.8581


 0.0000, 0.0000,
0.0000


 74.6076, 0.3126,
0.4118


 74.6076, 0.3126,
0.4118


 71.4073, 0.3120,
0.4460

 78.3938, 0.3129,
0.3800

 68.7546, 0.3110,
0.4813

 82.7829, 0.3129,
0.3514

 66.6216, 0.3097,
0.5158

 87.8034, 0.3127,
0.3260

 64.9740, 0.3079,
0.5468

 90.8078, 0.3134,
0.3146

■ 63.7733, 0.3058,
0.5719

■ 62.9752, 0.3036,
0.5890

■ 62.5229, 0.3017,
0.5980

■ 62.4854, 0.3016,
0.5988

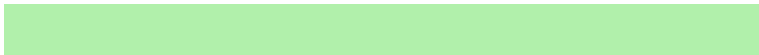
Harmonies

Analogous

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



74.6076, 0.3620, 0.4206



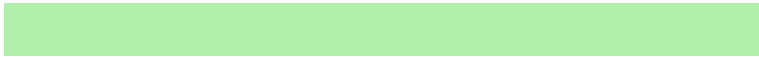
74.6076, 0.3126, 0.4118



74.6076, 0.2655, 0.3738

Triad

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



74.6076, 0.3126, 0.4118



74.6076, 0.2301, 0.2539



74.6076, 0.3990, 0.3260

Complementary

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



74.6076, 0.3126, 0.4118



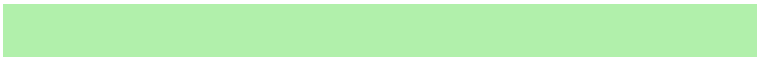
52.9055, 0.3112, 0.2563

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.



74.6076, 0.3580, 0.2888



74.6076, 0.3126, 0.4118



74.6076, 0.2601, 0.2486

Square

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



74.6076, 0.3126, 0.4118



74.6076, 0.2205, 0.2793



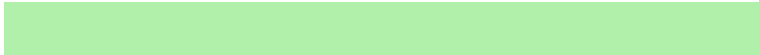
74.6076, 0.3062, 0.2613



74.6076, 0.4144, 0.3662

Rectangle

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



74.6076, 0.3126, 0.4118



74.6076, 0.2416, 0.3398



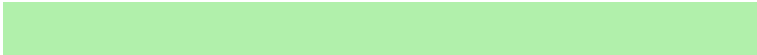
74.6076, 0.3062, 0.2613



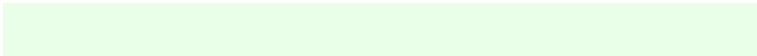
74.6076, 0.3876, 0.3129

Sweetspot

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



74.6108, 0.3126, 0.4118



94.8486, 0.3129, 0.3521



79.8068, 0.3581, 0.3944



20.1352, 0.3129, 0.3561



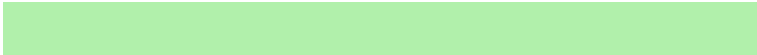
0.0000, 0.0000, 0.0000



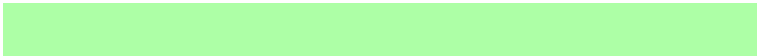
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6108, 0.3126, 0.4118



83.2049, 0.3123, 0.4333



75.0878, 0.2933, 0.3783



17.7219, 0.3129, 0.3533



34.2246, 0.3020, 0.5984



2.8695, 0.3067, 0.5947

Inverse Universe

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



52.9055, 0.3112, 0.2563



54.2219, 0.3106, 0.2403



52.4186, 0.3389, 0.2845



15.9576, 0.3124, 0.3056



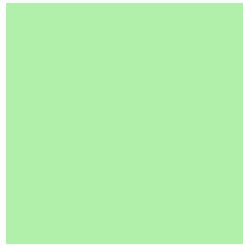
11.7320, 0.2992, 0.1422



0.9963, 0.3022, 0.1439

Previews

White Background



This preview shows how the Yxy color 74.6076, 0.3126, 0.4118 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 74.6076, 0.3126, 0.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

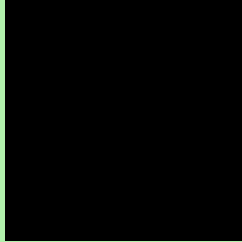
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6076, 0.3126, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 74.6076, 0.3126, 0.4118.

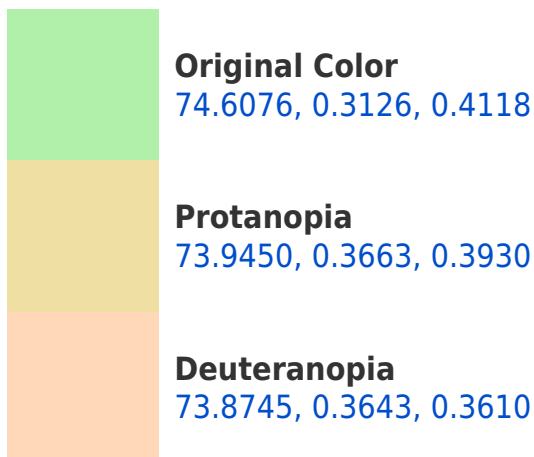


This preview shows how white text looks on a background with the Yxy color 74.6076, 0.3126, 0.4118.

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

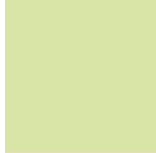
74.3181, 0.2765, 0.3091

Trichromacy



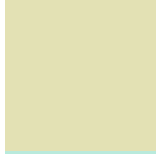
Original Color

74.6076, 0.3126, 0.4118



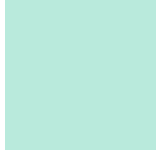
Protanomaly

73.5435, 0.3452, 0.3997



Deuteranomaly

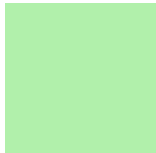
73.4766, 0.3443, 0.3784



Tritanomaly

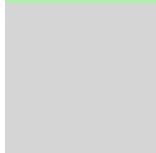
74.3272, 0.2894, 0.3450

Monochromacy



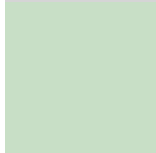
Original Color

74.6076, 0.3126, 0.4118



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

69.1319, 0.3128, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6076, 0.3126, 0.4118 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(177, 240, 171)` looks like.

```
.text, #text, p{  
    color:rgb(177, 240, 171)  
}
```

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(177, 240, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 240, 171) }
```

Border

The CSS property to change the border of an element to Yxy 74.6076, 0.3126, 0.4118 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(177, 240, 171) }
```

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

```
.border{ border-color:rgb(177, 240, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 240, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 240, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 240, 171);  
box-shadow:4px 4px 4px 4px rgb(177, 240,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6076, 0.3126, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 240, 171) }
```

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

```
.background{ background-color: rgb(177,  
240, 171) }
```

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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