

Converting Colors

$Yxy(76.0821, 0.3180, 0.4180)$

Have a look what the booklet for
Yxy(76.0821, 0.3180, 0.4180)
contains.

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Color

Yxy(76.2394, 0.3180, 0.4178)

Conversions

Conversions Part 1

Format	Color
Hex	B6F2A7
RGB	182, 242, 167
RGB Percent	71%, 95%, 65%
CMY	0.2860, 0.0510, 0.3451
CMYK	0.25, 0.00, 0.31, 0.05
HSL	108°, 74%, 80%
HSV	108°, 31%, 95%
XYZ	58.0281, 76.2394, 48.2107
YIQ	215.5100, -11.6850, -36.0450

Conversions

Conversions Part 2

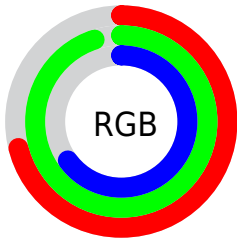
Format	Color
RYB	167, 242, 227
Decimal	11989671
CIELab	89.97, -32.60, 30.27
CIELCh	90, 44.488, 137.124
Yxy	76.2394, 0.3180, 0.4178
Android (android.graphics.Color)	4290179751 (0xFFB6F2A7)
YUV	215.5100, -23.9154, -29.3883
Hunter-Lab	87.3152, -34.1737, 28.3839

Details

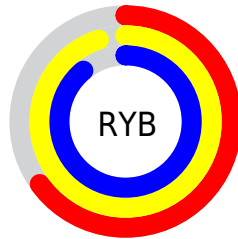
The Yxy color **76.2394, 0.3180, 0.4178** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **50.3630, 0.3039, 0.2489**, and the grayscale version is **68.4991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1984, 0.3212, 0.3611**, and **40.8447, 0.3175, 0.4418** is the 20% darker color. If you saturate the color by 10%, you get **73.2347, 0.3188, 0.4513**, and if you desaturate by 10%, it is **79.7432, 0.3166, 0.3862**.

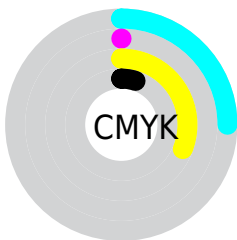
Distribution



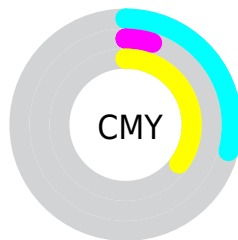
- Red (71%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)




- Cyan (29%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2394, 0.3180, 0.4178 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 76.2394, 0.3180, 0.4178 by changing the saturation by 10% instead.

 76.2394, 0.3180,
0.4178


 76.2394, 0.3180,
0.4178


482.1668, 0.3168,
0.3751

 56.6288, 0.3179,
0.4279


 128.0653, 0.3178,
0.4027

 40.7073, 0.3177,
0.4406


 161.0493, 0.3177,
0.3969

 28.0905, 0.3170,
0.4569


199.2600, 0.3175,
0.3919

 18.3939, 0.3156,
0.4785

243.0818, 0.3174,
0.3876

 11.2331, 0.3126,
0.5084

292.8989, 0.3172,
0.3839

 6.2239, 0.3060,
0.5521

349.0959, 0.3171,

 2.9817, 0.2990,

0.3806

412.0570, 0.3169,
0.3777

0.6387

1.1222, 0.1841,
0.8159

0.0000, 0.0000,
0.0000

76.2394, 0.3180,
0.4178

76.2394, 0.3180,
0.4178

73.2347, 0.3188,
0.4513

79.7432, 0.3166,
0.3862

70.6968, 0.3189,
0.4853

83.7575, 0.3149,
0.3573

68.6045, 0.3180,
0.5181

88.3053, 0.3129,
0.3314

66.9310, 0.3161,
0.5473

91.9806, 0.3133,
0.3165

■ 65.6466, 0.3132,
0.5707

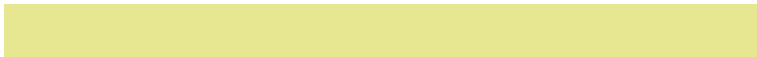
■ 64.7172, 0.3095,
0.5867

■ 64.1442, 0.3062,
0.5951

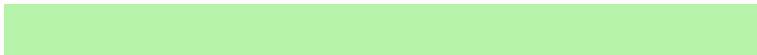
Harmonies

Analogous

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



76.2394, 0.3686, 0.4232



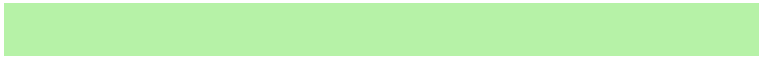
76.2394, 0.3180, 0.4178



76.2394, 0.2684, 0.3809

Triad

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



76.2394, 0.3180, 0.4178



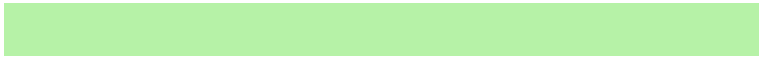
76.2394, 0.2251, 0.2530



76.2394, 0.3988, 0.3213

Complementary

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



76.2394, 0.3180, 0.4178



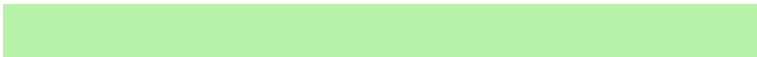
50.3630, 0.3039, 0.2489

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.



76.2394, 0.3541, 0.2838



76.2394, 0.3180, 0.4178



76.2394, 0.2539, 0.2455

Square

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



76.2394, 0.3180, 0.4178



76.2394, 0.2176, 0.2812



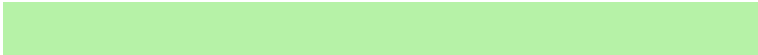
76.2394, 0.3002, 0.2568



76.2394, 0.4181, 0.3628

Rectangle

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



76.2394, 0.3180, 0.4178



76.2394, 0.2423, 0.3459



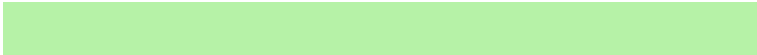
76.2394, 0.3002, 0.2568



76.2394, 0.3861, 0.3080

Sweetspot

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



76.2427, 0.3180, 0.4178



95.2953, 0.3145, 0.3520



75.9190, 0.3643, 0.3911



20.2443, 0.3148, 0.3559



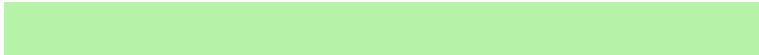
0.0000, 0.0000, 0.0000



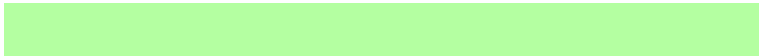
21.4041, 0.3127, 0.3290

Same Dimension

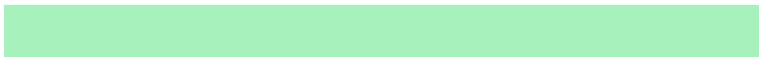
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2427, 0.3180, 0.4178



83.7370, 0.3186, 0.4381



75.3563, 0.2967, 0.3937



17.8093, 0.3146, 0.3532



34.5063, 0.3069, 0.5945



2.9111, 0.3152, 0.5879

Inverse Universe

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



50.3630, 0.3039, 0.2489



50.4279, 0.3016, 0.2327



51.7169, 0.3339, 0.2721



15.8617, 0.3106, 0.3055



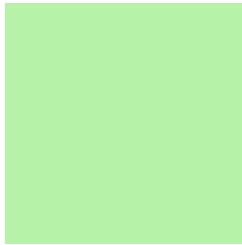
9.6204, 0.2705, 0.1264



0.8405, 0.2775, 0.1302

Previews

White Background



This preview shows how the Yxy color 76.2394, 0.3180, 0.4178 looks on a white background.

Color Contrast Check

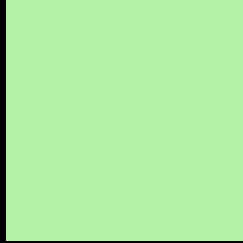
Large Text (above 18pt) WCAG AA × Fail

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 76.2394, 0.3180, 0.4178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

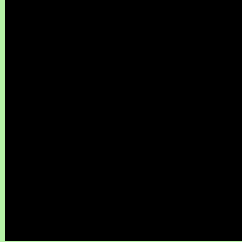
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2394, 0.3180, 0.4178

Background



This preview shows how black text looks on a background with the Yxy color 76.2394, 0.3180, 0.4178.

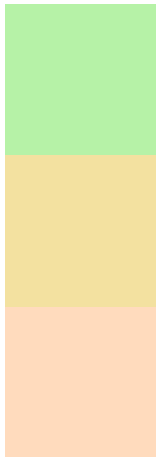


This preview shows how white text looks on a background with the Yxy color 76.2394, 0.3180, 0.4178.

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

76.2394, 0.3180, 0.4178

Protanopia

75.4432, 0.3700, 0.3975

Deuteranopia

75.5972, 0.3606, 0.3598



Tritanopia

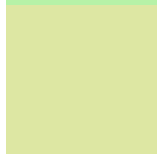
75.7897, 0.2790, 0.3083

Trichromacy



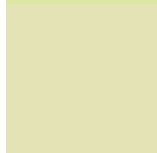
Original Color

76.2394, 0.3180, 0.4178



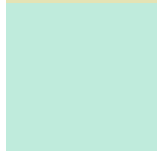
Protanomaly

75.1683, 0.3497, 0.4043



Deuteranomaly

74.7683, 0.3439, 0.3793



Tritanomaly

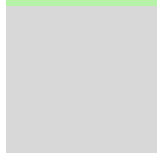
75.6603, 0.2931, 0.3459

Monochromacy



Original Color

76.2394, 0.3180, 0.4178



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.7650, 0.3155, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2394, 0.3180, 0.4178 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(182, 242, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 242, 167)  
}
```

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(182, 242, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 242, 167) }
```

Border

The CSS property to change the border of an element to Yxy 76.2394, 0.3180, 0.4178 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(182, 242, 167) }
```

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

```
.border{ border-color:rgb(182, 242, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 242, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 242, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 242, 167);  
box-shadow:4px 4px 4px 4px rgb(182, 242,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2394, 0.3180, 0.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 242, 167) }
```

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

```
.background{ background-color: rgb(182,  
242, 167) }
```

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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