

Converting Colors

$Yxy(78.0486, 0.3259, 0.3789)$

Have a look what the booklet for
Yxy(78.0486, 0.3259, 0.3789)
contains.

Yxy(78.0486, 0.3259, 0.3789)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.0486, 0.3259, 0.3789)

Conversions

Conversions Part 1

Format	Color
Hex	D6ECBF
RGB	214, 236, 191
RGB Percent	84%, 93%, 75%
CMY	0.1607, 0.0745, 0.2510
CMYK	0.09, 0.00, 0.19, 0.07
HSL	89°, 54%, 84%
HSV	89°, 19%, 93%
XYZ	67.1313, 78.0486, 60.8075
YIQ	224.2920, 1.3330, -18.6590

Conversions

Conversions Part 2

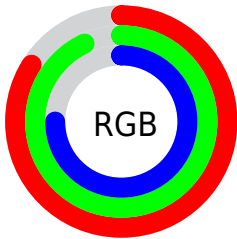
Format	Color
RYB	191, 236, 213
Decimal	14085311
CIELab	90.80, -15.07, 19.44
CIElCh	91, 24.601, 127.791
Yxy	78.0486, 0.3259, 0.3789
Android (android.graphics.Color)	4292275391 (0xFFD6ECBF)
YUV	224.2920, -16.4130, -9.0261
Hunter-Lab	88.3451, -18.9662, 21.0326

Details

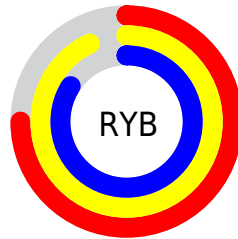
The Yxy color **78.0486, 0.3259, 0.3789** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.4550, 0.2973, 0.2791**, and the grayscale version is **74.8820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **41.8196, 0.3288, 0.3914** is the 20% darker color. If you saturate the color by 10%, you get **75.4212, 0.3324, 0.4077**, and if you desaturate by 10%, it is **80.9730, 0.3190, 0.3518**.

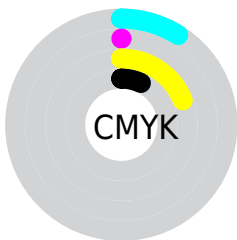
Distribution



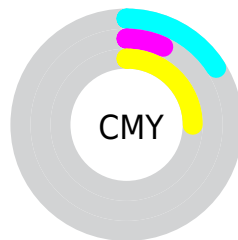
- Red (84%)
- Green (93%)
- Blue (75%)



- Red (75%)
- Yellow (93%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)





- Cyan (16%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0486, 0.3259, 0.3789 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 78.0486, 0.3259, 0.3789 by changing the saturation by 10% instead.

 78.0486, 0.3259,
0.3789

 78.0486, 0.3259,
0.3789


488.3319, 0.3202,
0.3555

 58.1139, 0.3271,
0.3843


 130.6186, 0.3240,
0.3707

 41.9002, 0.3285,
0.3910


164.0228, 0.3232,
0.3676

 29.0232, 0.3302,
0.3996


202.6855, 0.3226,
0.3648

 19.0984, 0.3323,
0.4108

246.9912, 0.3220,
0.3625

 11.7414, 0.3348,
0.4262

297.3243, 0.3215,
0.3604

 6.5678, 0.3378,
0.4486


354.0692, 0.3210,


 3.1933, 0.3407,


0.3586


0.4836


417.6102, 0.3206,
0.3570


 1.2335, 0.3839,
0.6161


 0.0888, 0.0000,
1.0000


 78.0486, 0.3259,
0.3789

 78.0486, 0.3259,
0.3789


 75.4212, 0.3324,
0.4077


 80.9730, 0.3190,
0.3518


 73.0701, 0.3383,
0.4376

 84.1942, 0.3121,
0.3268

 70.9875, 0.3430,
0.4675

 87.2801, 0.3094,
0.3105

 69.1612, 0.3461,
0.4960

 88.4735, 0.3136,
0.3107

■ 67.5777, 0.3472,
0.5217

■ 66.2223, 0.3461,
0.5431

■ 65.0776, 0.3428,
0.5591

■ 64.1186, 0.3376,
0.5697

■ 64.0366, 0.3371,
0.5705

Harmonies

Analogous

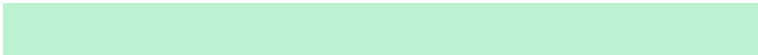
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0486, 0.3521, 0.3786



78.0486, 0.3259, 0.3789



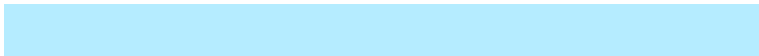
78.0486, 0.2970, 0.3639

Triad

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



78.0486, 0.3259, 0.3789



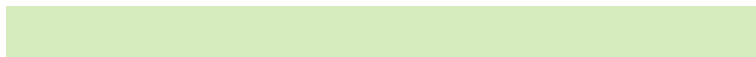
78.0486, 0.2600, 0.2908



78.0486, 0.3533, 0.3184

Complementary

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



78.0486, 0.3259, 0.3789



57.4550, 0.2973, 0.2791

Split Complementary

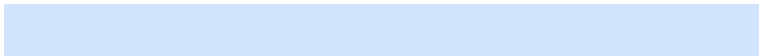
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0486, 0.3269, 0.2975



78.0486, 0.3259, 0.3789



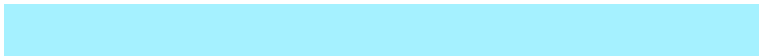
78.0486, 0.2734, 0.2815

Square

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



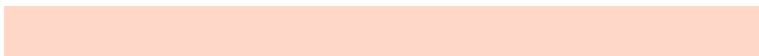
78.0486, 0.3259, 0.3789



78.0486, 0.2598, 0.3112



78.0486, 0.2976, 0.2842



78.0486, 0.3687, 0.3426

Rectangle

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



78.0486, 0.3259, 0.3789



78.0486, 0.2801, 0.3474



78.0486, 0.2976, 0.2842



78.0486, 0.3454, 0.3109

Sweetspot

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



78.0520, 0.3259, 0.3789



97.6631, 0.3169, 0.3439



69.0548, 0.3459, 0.3526



20.8512, 0.3174, 0.3456



0.0000, 0.0000, 0.0000



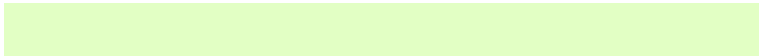
21.4041, 0.3127, 0.3290

Same Dimension

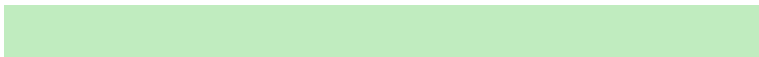
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0520, 0.3259, 0.3789



91.7460, 0.3286, 0.3903



74.9265, 0.3108, 0.3813



17.2408, 0.3193, 0.3528



35.3740, 0.3383, 0.5696



2.8350, 0.3486, 0.5614

Inverse Universe

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



57.4550, 0.2973, 0.2791



62.8664, 0.2934, 0.2676



61.0172, 0.3144, 0.2816



14.9102, 0.3056, 0.3052



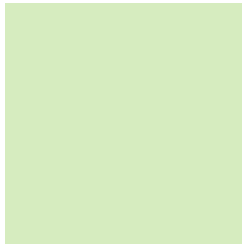
5.4354, 0.2003, 0.0877



0.4839, 0.2154, 0.0960

Previews

White Background



This preview shows how the Yxy color 78.0486, 0.3259, 0.3789 looks on a white background.

Color Contrast Check

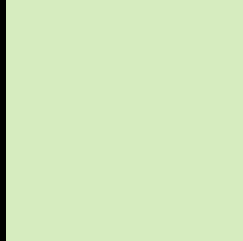
Large Text (above 18pt) WCAG AA × Fail

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 78.0486, 0.3259, 0.3789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

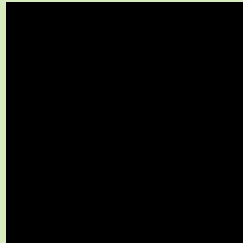
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

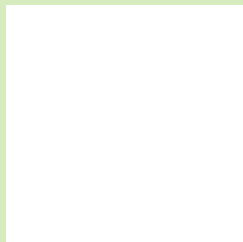
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0486, 0.3259, 0.3789

Background



This preview shows how black text looks on a background with the Yxy color 78.0486, 0.3259, 0.3789.

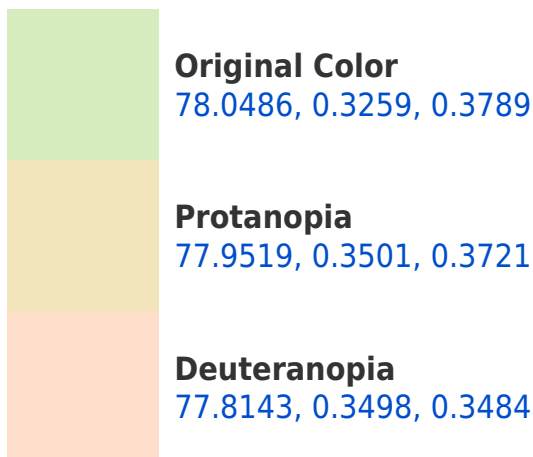


This preview shows how white text looks on a background with the Yxy color 78.0486, 0.3259, 0.3789.

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

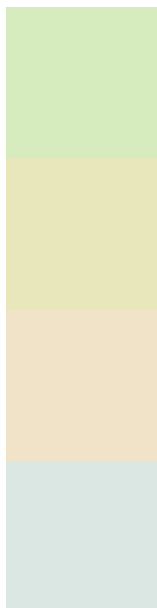




Tritanopia

77.6702, 0.2975, 0.3102

Trichromacy



Original Color

78.0486, 0.3259, 0.3789

Protanomaly

77.9385, 0.3414, 0.3752

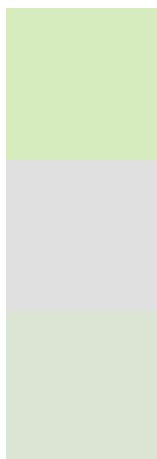
Deuteranomaly

77.5870, 0.3406, 0.3585

Tritanomaly

77.7029, 0.3077, 0.3343

Monochromacy



Original Color

78.0486, 0.3259, 0.3789

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.4559, 0.3174, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0486, 0.3259, 0.3789 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(214, 236, 191)` looks like.

```
.text, #text, p{  
    color:rgb(214, 236, 191)  
}
```

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(214, 236, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 236, 191) }
```

Border

The CSS property to change the border of an element to Yxy 78.0486, 0.3259, 0.3789 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(214, 236, 191) }
```

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

```
.border{ border-color:rgb(214, 236, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 236, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 236, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 236, 191);  
box-shadow:4px 4px 4px 4px rgb(214, 236,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0486, 0.3259, 0.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 236, 191) }
```

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

```
.background{ background-color: rgb(214,  
236, 191) }
```

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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