

Converting Colors

$Yxy(77.9350, 0.3425, 0.3943)$

Have a look what the booklet for
Yxy(77.9350, 0.3425, 0.3943)
contains.

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Color

Yxy(78.1998, 0.3426, 0.3946)

Conversions

Conversions Part 1

Format	Color
Hex	DFEBAF
RGB	223, 235, 175
RGB Percent	87%, 92%, 69%
CMY	0.1252, 0.0785, 0.3137
CMYK	0.05, 0.00, 0.26, 0.08
HSL	72°, 60%, 80%
HSV	72°, 26%, 92%
XYZ	67.8947, 78.1998, 52.0804
YIQ	224.5720, 12.1080, -21.2040

Conversions

Conversions Part 2

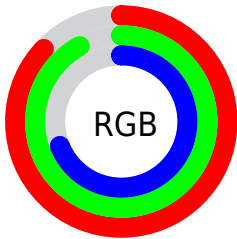
Format	Color
RYB	175, 235, 187
Decimal	14674863
CIELab	90.87, -13.69, 27.85
CIELCh	91, 31.032, 116.178
Yxy	78.1998, 0.3426, 0.3946
Android (android.graphics.Color)	4292864943 (0xFFDFEBAF)
YUV	224.5720, -24.4390, -1.3786
Hunter-Lab	88.4307, -17.7061, 26.9832

Details

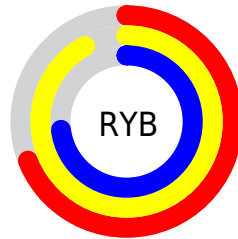
The Yxy color **78.1998, 0.3426, 0.3946** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **47.2197, 0.2775, 0.2580**, and the grayscale version is **75.1539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **41.8608, 0.3486, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **76.6270, 0.3539, 0.4213**, and if you desaturate by 10%, it is **79.9607, 0.3309, 0.3681**.

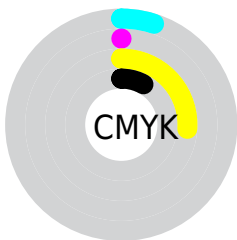
Distribution



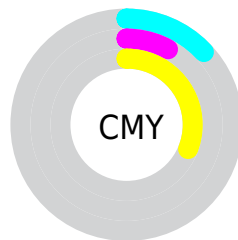
- Red (87%)
- Green (92%)
- Blue (69%)



- Red (69%)
- Yellow (92%)
- Blue (73%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)





- Cyan (13%)
- Magenta (8%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1998, 0.3426, 0.3946 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 78.1998, 0.3426, 0.3946 by changing the saturation by 10% instead.

 78.1998, 0.3426,
0.3946

 78.1998, 0.3426,
0.3946


488.8451, 0.3295,
0.3640

 58.2381, 0.3454,
0.4016


 130.8317, 0.3382,
0.3839

 42.0001, 0.3487,
0.4103


164.2708, 0.3364,
0.3798

 29.1014, 0.3528,
0.4212


202.9711, 0.3349,
0.3763

 19.1575, 0.3577,
0.4355

247.3170, 0.3336,
0.3732

 11.7842, 0.3637,
0.4546

297.6930, 0.3324,
0.3704

 6.5969, 0.3708,
0.4816

354.4834, 0.3313,

 3.2113, 0.3813,

0.3680

0.5256

418.0726, 0.3303,
0.3659

■ 1.2430, 0.3944,
0.6056

■ 0.0964, 0.0000,
1.0000

■ 78.1998, 0.3426,
0.3946

■ 78.1998, 0.3426,
0.3946

■ 76.6270, 0.3539,
0.4213

■ 79.9607, 0.3309,
0.3681

■ 75.2233, 0.3642,
0.4472

■ 81.9071, 0.3191,
0.3425

■ 73.9830, 0.3730,
0.4714

■ 84.0500, 0.3076,
0.3184

■ 72.8960, 0.3797,
0.4926

■ 85.4606, 0.3049,
0.3092

■ 71.9507, 0.3841,
0.5098

■ 86.2962, 0.3080,
0.3094

■ 71.1337, 0.3858,
0.5226

■ 87.1531, 0.3110,
0.3096

■ 70.4286, 0.3850,
0.5306

■ 87.8883, 0.3136,
0.3097

■ 70.1374, 0.3841,
0.5332

Harmonies

Analogous

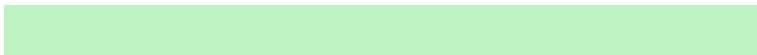
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1998, 0.3719, 0.3861



78.1998, 0.3426, 0.3946



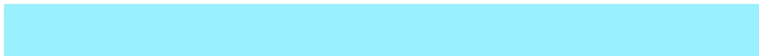
78.1998, 0.3064, 0.3831

Triad

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



78.1998, 0.3426, 0.3946



78.1998, 0.2449, 0.2890



78.1998, 0.3521, 0.3048

Complementary

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



78.1998, 0.3426, 0.3946



47.2197, 0.2775, 0.2580

Split Complementary

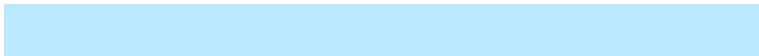
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1998, 0.3158, 0.2822



78.1998, 0.3426, 0.3946



78.1998, 0.2553, 0.2723

Square

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



78.1998, 0.3426, 0.3946



78.1998, 0.2512, 0.3186



78.1998, 0.2806, 0.2704



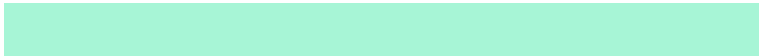
78.1998, 0.3782, 0.3336

Rectangle

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



78.1998, 0.3426, 0.3946



78.1998, 0.2833, 0.3652



78.1998, 0.2806, 0.2704



78.1998, 0.3406, 0.2963

Sweetspot

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



78.2033, 0.3426, 0.3946



97.9944, 0.3220, 0.3489



55.8778, 0.3639, 0.3415



20.8977, 0.3238, 0.3527



0.0000, 0.0000, 0.0000



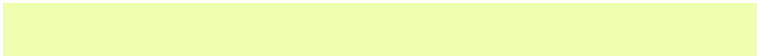
21.4041, 0.3127, 0.3290

Same Dimension

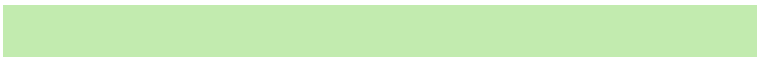
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2033, 0.3426, 0.3946



93.0545, 0.3490, 0.4096



73.9743, 0.3220, 0.3991



17.4670, 0.3237, 0.3525



39.0949, 0.3846, 0.5328



3.1083, 0.3897, 0.5288

Inverse Universe

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



47.2197, 0.2775, 0.2580



49.4127, 0.2682, 0.2400



51.2618, 0.3003, 0.2625



14.6930, 0.3011, 0.3049



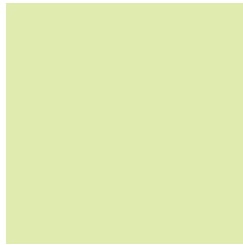
3.7128, 0.1598, 0.0654



0.3308, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 78.1998, 0.3426, 0.3946 looks on a white background.

Color Contrast Check

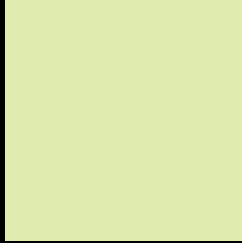
Large Text (above 18pt) WCAG AA × Fail

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 78.1998, 0.3426, 0.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

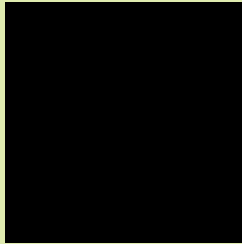
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

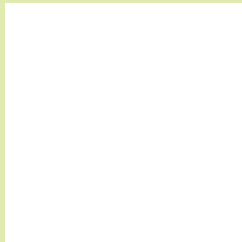
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1998, 0.3426, 0.3946

Background



This preview shows how black text looks on a background with the Yxy color 78.1998, 0.3426, 0.3946.

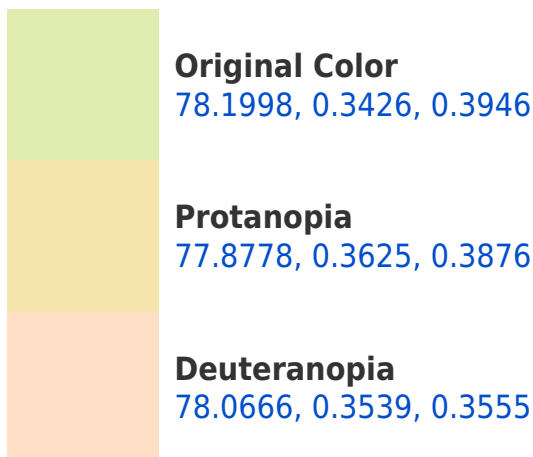


This preview shows how white text looks on a background with the Yxy color 78.1998, 0.3426, 0.3946.

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

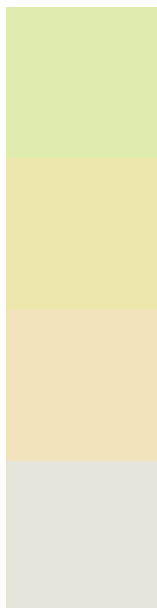




Tritanopia

78.0802, 0.3054, 0.3105

Trichromacy



Original Color

78.1998, 0.3426, 0.3946

Protanomaly

78.1735, 0.3550, 0.3907

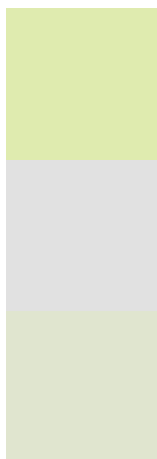
Deuteranomaly

77.6670, 0.3497, 0.3689

Tritanomaly

77.8111, 0.3191, 0.3396

Monochromacy



Original Color

78.1998, 0.3426, 0.3946

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.3909, 0.3234, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1998, 0.3426, 0.3946 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(223, 235, 175)` looks like.

```
.text, #text, p{  
    color:rgb(223, 235, 175)  
}
```

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(223, 235, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 235, 175) }
```

Border

The CSS property to change the border of an element to Yxy 78.1998, 0.3426, 0.3946 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(223, 235, 175) }
```

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

```
.border{ border-color:rgb(223, 235, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 235, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 235, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 235, 175);  
box-shadow:4px 4px 4px 4px rgb(223, 235,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1998, 0.3426, 0.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 235, 175) }
```

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

```
.background{ background-color: rgb(223,  
235, 175) }
```

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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