

Converting Colors

$Yxy(75.8109, 0.3464, 0.3835)$

Have a look what the booklet for
Yxy(75.8109, 0.3464, 0.3835)
contains.

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Color

Yxy(76.0760, 0.3470, 0.3843)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E6E5B2 |
| RGB | 230, 229, 178 |
| RGB Percent | 90%, 90%, 70% |
| CMY | 0.0980, 0.1020, 0.3019 |
| CMYK | 0.00, 0.00, 0.23, 0.10 |
| HSL | 59°, 51%, 80% |
| HSV | 59°, 23%, 90% |
| XYZ | 68.6921, 76.0760, 53.1918 |
| YIQ | 223.4850, 16.9670, -15.6490 |

Conversions

Conversions Part 2

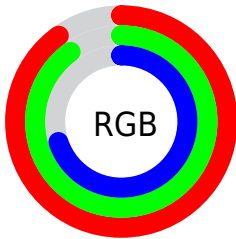
| Format | Color |
|--|--|
| RYB | 179, 230, 178 |
| Decimal | 15132082 |
| CIELab | 89.89, -7.74, 25.06 |
| CIElCh | 90, 26.228, 107.161 |
| Yxy | 76.0760, 0.3470, 0.3843 |
| Android (android.graphics.Color) | 4293322162 (0xFFE6E5B2) |
| YUV | 223.4850, -22.4241, 5.7137 |
| Hunter-Lab | 87.2216, -12.0585, 24.8972 |

Details

The Yxy color **76.0760, 0.3470, 0.3843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4322, 0.2745, 0.2670**, and the grayscale version is **74.3123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.7514, 0.3544, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **74.9847, 0.3623, 0.4088**, and if you desaturate by 10%, it is **77.3296, 0.3316, 0.3595**.

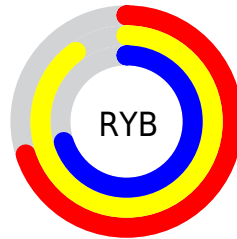
Distribution



Red (90%)

Green (90%)

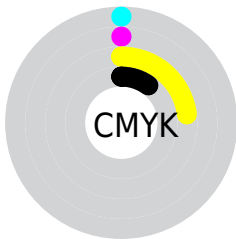
Blue (70%)



Red (70%)

Yellow (90%)

Blue (70%)

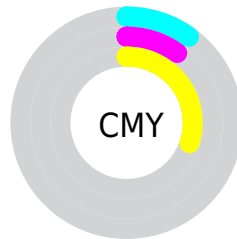


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (10%)



Cyan (10%)


Magenta (10%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0760, 0.3470, 0.3843 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 76.0760, 0.3470, 0.3843 by changing the saturation by 10% instead.

 76.0760, 0.3470,
0.3843

 76.0760, 0.3470,
0.3843

481.6078, 0.3316,
0.3586

 56.4948, 0.3504,
0.3902


 127.8343, 0.3417,
0.3754

 40.5998, 0.3545,
0.3974


160.7803, 0.3397,
0.3719

 28.0065, 0.3596,
0.4065


198.9499, 0.3379,
0.3689

 18.3306, 0.3660,
0.4183

242.7277, 0.3363,
0.3663

 11.1876, 0.3742,
0.4342

292.4980, 0.3349,
0.3640

 6.1931, 0.3849,
0.4565

348.6452, 0.3337,

 2.9629, 0.4008,

0.3620

0.4919

411.5537, 0.3326,
0.3602

■ 1.1124, 0.4338,
0.5662

■ 0.0000, 0.0000,
0.0000

■ 76.0760, 0.3470,
0.3843

■ 76.0760, 0.3470,
0.3843

■ 74.9847, 0.3623,
0.4088

■ 77.3296, 0.3316,
0.3595

■ 74.0379, 0.3769,
0.4321

■ 78.7426, 0.3165,
0.3352

■ 73.2305, 0.3902,
0.4533

■ 80.3250, 0.3021,
0.3119

■ 72.5533, 0.4017,
0.4713

■ 81.0776, 0.2973,
0.3044

71.9960, 0.4109,
0.4854

81.3275, 0.2974,
0.3048

71.5467, 0.4174,
0.4952

81.5780, 0.2974,
0.3053

71.1910, 0.4212,
0.5006

81.8292, 0.2974,
0.3058

70.9712, 0.4228,
0.5025

82.0810, 0.2974,
0.3062

82.3335, 0.2974,
0.3067

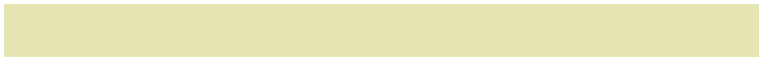
Harmonies

Analogous

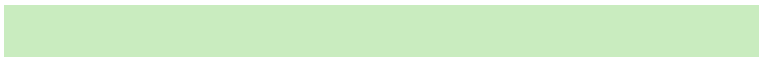
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0760, 0.3684, 0.3732



76.0760, 0.3470, 0.3843



76.0760, 0.3170, 0.3795

Triad

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



76.0760, 0.3470, 0.3843



76.0760, 0.2545, 0.3018



76.0760, 0.3376, 0.3016

Complementary

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



76.0760, 0.3470, 0.3843



47.4322, 0.2745, 0.2670

Split Complementary

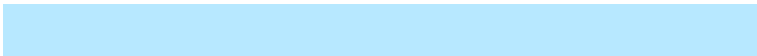
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0760, 0.3060, 0.2844



76.0760, 0.3470, 0.3843



76.0760, 0.2592, 0.2835

Square

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



76.0760, 0.3470, 0.3843



76.0760, 0.2643, 0.3294



76.0760, 0.2776, 0.2777



76.0760, 0.3632, 0.3255

Rectangle

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



76.0760, 0.3470, 0.3843



76.0760, 0.2964, 0.3671



76.0760, 0.2776, 0.2777



76.0760, 0.3272, 0.2949

Sweetspot

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



76.0794, 0.3470, 0.3843



98.6824, 0.3232, 0.3459



51.9581, 0.3575, 0.3272



21.0988, 0.3241, 0.3474



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.



76.0794, 0.3470, 0.3843



95.4819, 0.3540, 0.3955



72.9004, 0.3291, 0.3887



16.7666, 0.3268, 0.3518



40.1981, 0.4227, 0.5026



2.9859, 0.4222, 0.5030

Inverse Universe

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



47.4322, 0.2745, 0.2670



53.4252, 0.2657, 0.2525



50.1578, 0.2930, 0.2690



13.9317, 0.2980, 0.3052



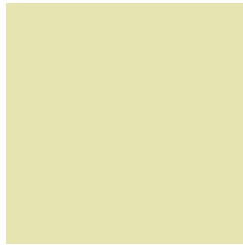
3.3097, 0.1504, 0.0613



0.2605, 0.1514, 0.0648

Previews

White Background



This preview shows how the Yxy color 76.0760, 0.3470, 0.3843 looks on a white background.

Color Contrast Check

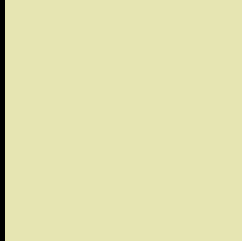
Large Text (above 18pt) WCAG AA × Fail

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 76.0760, 0.3470, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

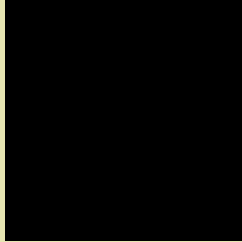
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

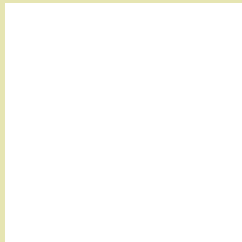
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0760, 0.3470, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 76.0760, 0.3470, 0.3843.

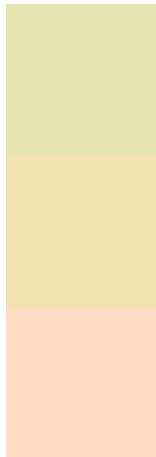


This preview shows how white text looks on a background with the Yxy color 76.0760, 0.3470, 0.3843.

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

76.0760, 0.3470, 0.3843

Protanopia

76.2281, 0.3573, 0.3820

Deuteranopia

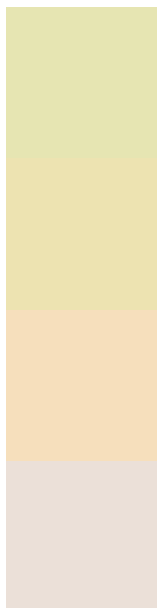
75.7733, 0.3577, 0.3557



Tritanopia

76.0631, 0.3135, 0.3115

Trichromacy



Original Color

76.0760, 0.3470, 0.3843

Protanomaly

76.1170, 0.3534, 0.3824

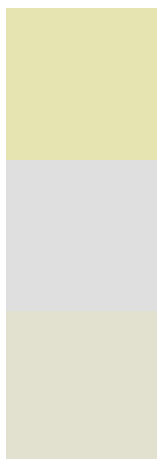
Deuteranomaly

75.9990, 0.3535, 0.3657

Tritanomaly

75.9313, 0.3258, 0.3375

Monochromacy



Original Color

76.0760, 0.3470, 0.3843

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.5242, 0.3253, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0760, 0.3470, 0.3843 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(230, 229, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 229, 178)  
}
```

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(230, 229, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 229, 178) }
```

Border

The CSS property to change the border of an element to Yxy 76.0760, 0.3470, 0.3843 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(230, 229, 178) }
```

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

```
.border{ border-color:rgb(230, 229, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 229, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 229, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 229, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 229,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0760, 0.3470, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 229, 178) }
```

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

```
.background{ background-color: rgb(230,  
229, 178) }
```

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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