

Converting Colors

$Yxy(75.9767, 0.3438, 0.3859)$

Have a look what the booklet for
Yxy(75.9767, 0.3438, 0.3859)
contains.

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Color

Yxy(75.9767, 0.3438, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	E2E6B2
RGB	226, 230, 178
RGB Percent	89%, 90%, 70%
CMY	0.1139, 0.0980, 0.3020
CMYK	0.02, 0.00, 0.23, 0.10
HSL	65°, 51%, 80%
HSV	65°, 23%, 90%
XYZ	67.6880, 75.9767, 53.2172
YIQ	222.8760, 14.3080, -17.0200

Conversions

Conversions Part 2

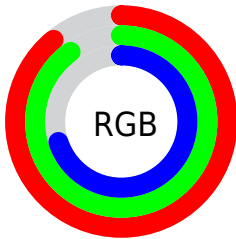
Format	Color
R_{YB}	178, 230, 182
Decimal	14870194
CIE _{Lab}	89.85, -9.74, 24.96
CIE _{LCh}	90, 26.789, 111.314
Yxy	75.9767, 0.3438, 0.3859
Android (android.graphics.Color)	4293060274 (0xFFE2E6B2)
YUV	222.8760, -22.1239, 2.7397
Hunter-Lab	87.1646, -13.9233, 24.8165

Details

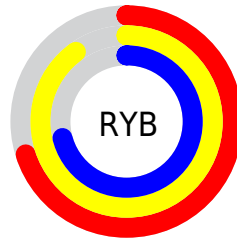
The Yxy color **75.9767, 0.3438, 0.3859** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.5078, 0.2774, 0.2662**, and the grayscale version is **73.8500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.6867, 0.3502, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **74.8440, 0.3574, 0.4115**, and if you desaturate by 10%, it is **77.2741, 0.3299, 0.3603**.

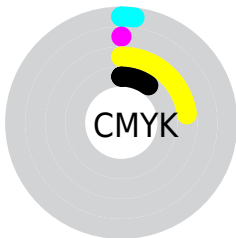
Distribution



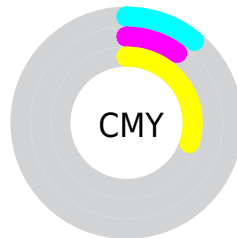
- Red (89%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)





- Cyan (11%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9767, 0.3438, 0.3859 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 75.9767, 0.3438, 0.3859 by changing the saturation by 10% instead.


 75.9767, 0.3438,
0.3859

 75.9767, 0.3438,
0.3859


481.2679, 0.3299,
0.3594

 56.4134, 0.3468,
0.3920


 127.6940, 0.3391,
0.3767

 40.5345, 0.3505,
0.3995


160.6167, 0.3372,
0.3731

 27.9555, 0.3550,
0.4090


198.7614, 0.3356,
0.3700

 18.2921, 0.3607,
0.4214

242.5125, 0.3342,
0.3673

 11.1599, 0.3679,
0.4381

292.2543, 0.3329,
0.3650

 6.1745, 0.3772,
0.4618

348.3712, 0.3318,

 2.9515, 0.3907,

0.3629

0.4997

411.2476, 0.3308,
0.3610

■ 1.1065, 0.4192,
0.5808

■ 0.0000, 0.0000,
0.0000

■ 75.9767, 0.3438,
0.3859

■ 75.9767, 0.3438,
0.3859

■ 74.8440, 0.3574,
0.4115

■ 77.2741, 0.3299,
0.3603

■ 73.8581, 0.3703,
0.4361

■ 78.7333, 0.3162,
0.3353

■ 73.0140, 0.3818,
0.4588

■ 80.3644, 0.3030,
0.3116

■ 72.3026, 0.3914,
0.4786

■ 81.1690, 0.2994,
0.3037

■ 71.7133, 0.3986,
0.4945

■ 81.4725, 0.3005,
0.3038

■ 71.2344, 0.4033,
0.5060

■ 81.7790, 0.3017,
0.3039

■ 70.8515, 0.4053,
0.5132

■ 82.0887, 0.3029,
0.3040

■ 70.6133, 0.4056,
0.5162

■ 82.4014, 0.3041,
0.3041

■ 82.7173, 0.3052,
0.3042

Harmonies

Analogous

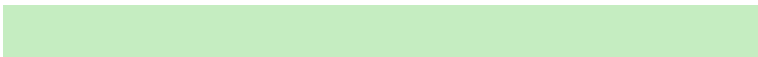
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9767, 0.3674, 0.3765



75.9767, 0.3438, 0.3859



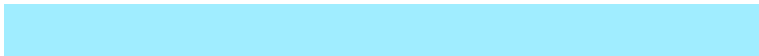
75.9767, 0.3126, 0.3786

Triad

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



75.9767, 0.3438, 0.3859



75.9767, 0.2531, 0.2979



75.9767, 0.3423, 0.3041

Complementary

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



75.9767, 0.3438, 0.3859



47.5078, 0.2774, 0.2662

Split Complementary

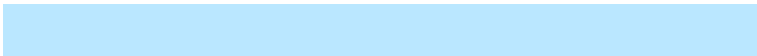
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9767, 0.3103, 0.2854



75.9767, 0.3438, 0.3859



75.9767, 0.2599, 0.2809

Square

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



75.9767, 0.3438, 0.3859



75.9767, 0.2611, 0.3252



75.9767, 0.2804, 0.2769



75.9767, 0.3670, 0.3291

Rectangle

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



75.9767, 0.3438, 0.3859



75.9767, 0.2919, 0.3646



75.9767, 0.2804, 0.2769



75.9767, 0.3320, 0.2969

Sweetspot

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



75.9801, 0.3438, 0.3859



98.6403, 0.3222, 0.3463



53.2795, 0.3582, 0.3331



21.0891, 0.3231, 0.3478



0.0000, 0.0000, 0.0000



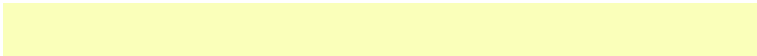
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9801, 0.3438, 0.3859



95.3280, 0.3500, 0.3976



72.1714, 0.3253, 0.3894



16.7571, 0.3256, 0.3523



39.9954, 0.4058, 0.5160



2.9726, 0.4079, 0.5143

Inverse Universe

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



47.5078, 0.2774, 0.2662



53.5444, 0.2692, 0.2517



50.8901, 0.2971, 0.2697



13.9406, 0.2992, 0.3048



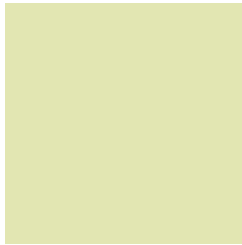
3.3271, 0.1526, 0.0614



0.2647, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 75.9767, 0.3438, 0.3859 looks on a white background.

Color Contrast Check

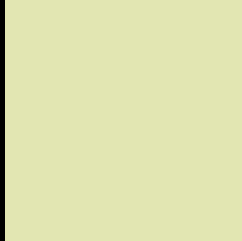
Large Text (above 18pt) WCAG AA × Fail

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 75.9767, 0.3438, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

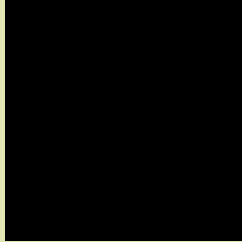
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.9767, 0.3438, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 75.9767, 0.3438, 0.3859.

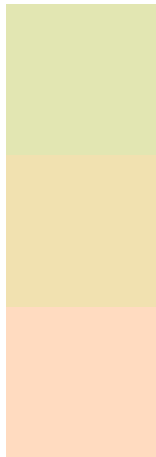


This preview shows how white text looks on a background with the Yxy color 75.9767, 0.3438, 0.3859.

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

75.9767, 0.3438, 0.3859

Protanopia

75.6858, 0.3576, 0.3810

Deuteranopia

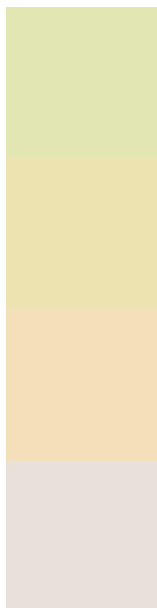
75.7288, 0.3584, 0.3567



Tritanopia

75.9670, 0.3100, 0.3114

Trichromacy



Original Color

75.9767, 0.3438, 0.3859

Protanomaly

75.9454, 0.3526, 0.3826

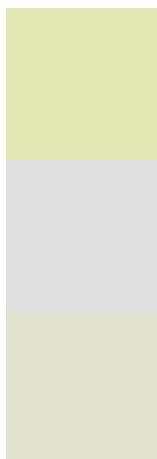
Deuteranomaly

75.5963, 0.3527, 0.3669

Tritanomaly

75.8491, 0.3222, 0.3375

Monochromacy



Original Color

75.9767, 0.3438, 0.3859

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.7450, 0.3237, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9767, 0.3438, 0.3859 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(226, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 230, 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(226, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 230, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.9767, 0.3438, 0.3859 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(226, 230, 178) }
```

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

```
.border{ border-color:rgb(226, 230, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 230, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 230, 178); box-shadow:4px 4px 4px 4px rgb(226, 230, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9767, 0.3438, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 230, 178) }
```

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

```
.background{ background-color: rgb(226,  
230, 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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