

Converting Colors

$Yxy(73.5845, 0.3333, 0.3834)$

Have a look what the booklet for
Yxy(73.5845, 0.3333, 0.3834)
contains.

Yxy(73.6710, 0.3333, 0.3831)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.6710, 0.3333, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	D6E5B5
RGB	214, 229, 181
RGB Percent	84%, 90%, 71%
CMY	0.1607, 0.1020, 0.2903
CMYK	0.07, 0.00, 0.21, 0.10
HSL	79°, 48%, 80%
HSV	79°, 21%, 90%
XYZ	64.0943, 73.6710, 54.5369
YIQ	219.0430, 6.4680, -18.1080

Conversions

Conversions Part 2

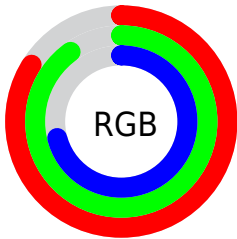
Format	Color
RYB	181, 229, 196
Decimal	14083509
CIELab	88.77, -13.12, 21.80
CIElCh	89, 25.443, 121.042
Yxy	73.6710, 0.3333, 0.3831
Android (android.graphics.Color)	4292273589 (0xFFD6E5B5)
YUV	219.0430, -18.7552, -4.4227
Hunter-Lab	85.8318, -16.9120, 22.4098

Details

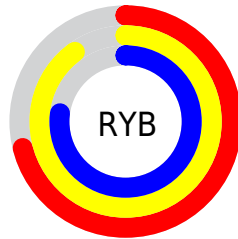
The Yxy color **73.6710, 0.3333, 0.3831** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4169, 0.2889, 0.2727**, and the grayscale version is **71.0019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **39.2015, 0.3375, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **71.7597, 0.3428, 0.4107**, and if you desaturate by 10%, it is **75.7904, 0.3235, 0.3565**.

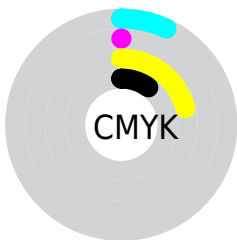
Distribution



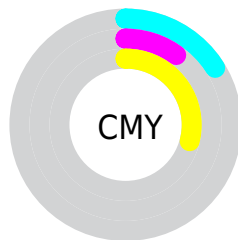
- Red (84%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)





- Cyan (16%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6710, 0.3333, 0.3831 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 73.6710, 0.3333, 0.3831 by changing the saturation by 10% instead.


 73.6710, 0.3333,
0.3831

 73.6710, 0.3333,
0.3831

473.3371, 0.3242,
0.3575

 54.5248, 0.3353,
0.3890

 124.4293, 0.3302,
0.3741

 39.0214, 0.3377,
0.3965


156.8102, 0.3290,
0.3707

 26.7764, 0.3406,
0.4059

194.3715, 0.3279,
0.3677

 17.4053, 0.3442,
0.4184

237.4975, 0.3270,
0.3651

 10.5239, 0.3487,
0.4355

286.5727, 0.3261,
0.3629

 5.7477, 0.3543,
0.4605

341.9814, 0.3254,

 2.6923, 0.3617,

0.3609

0.5010

404.1081, 0.3247,
0.3591

■ 0.9733, 0.3822,
0.6178

■ 0.0000, 0.0000,
0.0000

■ 73.6710, 0.3333,
0.3831

■ 73.6710, 0.3333,
0.3831

■ 71.7597, 0.3428,
0.4107

■ 75.7904, 0.3235,
0.3565

■ 70.0385, 0.3516,
0.4385


■ 78.1156, 0.3137,
0.3314


■ 68.5020, 0.3591,
0.4654

■ 80.6573, 0.3041,
0.3081


■ 67.1406, 0.3648,
0.4902


■ 82.2386, 0.3056,
0.3032


 65.9435, 0.3683,
0.5118

 83.5303, 0.3103,
0.3036

 64.8987, 0.3693,
0.5290

 84.5190, 0.3139,
0.3039

 63.9918, 0.3678,
0.5413

 63.2706, 0.3646,
0.5487

Harmonies

Analogous

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



73.6710, 0.3592, 0.3791



73.6710, 0.3333, 0.3831



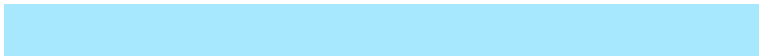
73.6710, 0.3028, 0.3707

Triad

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



73.6710, 0.3333, 0.3831



73.6710, 0.2559, 0.2926



73.6710, 0.3500, 0.3124

Complementary

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



73.6710, 0.3333, 0.3831



50.4169, 0.2889, 0.2727

Split Complementary

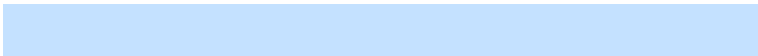
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6710, 0.3206, 0.2920



73.6710, 0.3333, 0.3831



73.6710, 0.2671, 0.2801

Square

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



73.6710, 0.3333, 0.3831



73.6710, 0.2590, 0.3161



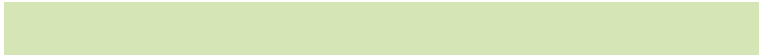
73.6710, 0.2903, 0.2802



73.6710, 0.3695, 0.3375

Rectangle

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



73.6710, 0.3333, 0.3831



73.6710, 0.2839, 0.3547



73.6710, 0.2903, 0.2802



73.6710, 0.3409, 0.3049

Sweetspot

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



73.6742, 0.3333, 0.3831



98.1603, 0.3186, 0.3439



59.1910, 0.3515, 0.3454



20.9688, 0.3192, 0.3455



0.0000, 0.0000, 0.0000



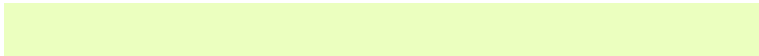
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6742, 0.3333, 0.3831



92.9772, 0.3373, 0.3945



70.3945, 0.3166, 0.3860



16.5801, 0.3220, 0.3526



36.2414, 0.3655, 0.5480



2.7268, 0.3735, 0.5416

Inverse Universe

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



50.4169, 0.2889, 0.2727



58.4571, 0.2833, 0.2602



53.8110, 0.3074, 0.2757



14.1039, 0.3029, 0.3050



4.0647, 0.1719, 0.0720



0.3483, 0.1876, 0.0807

Previews

White Background



This preview shows how the Yxy color 73.6710, 0.3333, 0.3831 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 73.6710, 0.3333, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

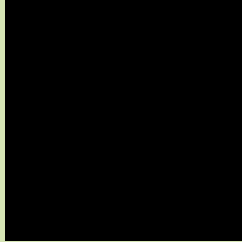
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

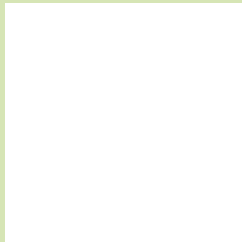
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6710, 0.3333, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 73.6710, 0.3333, 0.3831.

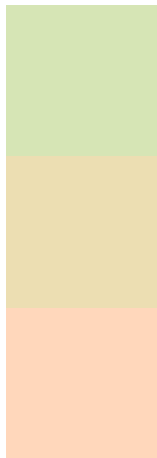


This preview shows how white text looks on a background with the Yxy color 73.6710, 0.3333, 0.3831.

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

73.6710, 0.3333, 0.3831

Protanopia

73.2898, 0.3531, 0.3765

Deuteranopia

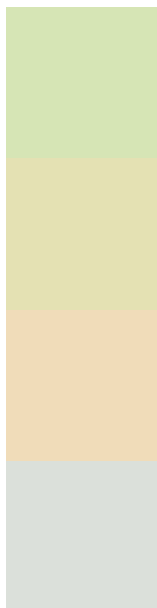
73.4487, 0.3631, 0.3579



Tritanopia

73.4745, 0.3018, 0.3099

Trichromacy



Original Color

73.6710, 0.3333, 0.3831

Protanomaly

73.5991, 0.3457, 0.3794

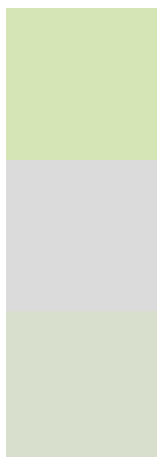
Deuteranomaly

73.2144, 0.3517, 0.3664

Tritanomaly

73.4333, 0.3131, 0.3355

Monochromacy



Original Color

73.6710, 0.3333, 0.3831

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9348, 0.3203, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6710, 0.3333, 0.3831 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, 229, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 229, 181)  
}
```

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, 229, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 229, 181) }
```

Border

The CSS property to change the border of an element to Yxy 73.6710, 0.3333, 0.3831 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, 229, 181) }
```

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

```
.border{ border-color:rgb(214, 229, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 229, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 229, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 229, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 229,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6710, 0.3333, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 229, 181) }
```

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

```
.background{ background-color: rgb(214,  
229, 181) }
```

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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