

Converting Colors

$Yxy(74.0054, 0.3339, 0.3885)$

Have a look what the booklet for
Yxy(74.0054, 0.3339, 0.3885)
contains.

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Color

Yxy(73.8050, 0.3336, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	D4E6B2
RGB	212, 230, 178
RGB Percent	83%, 90%, 70%
CMY	0.1685, 0.0980, 0.3019
CMYK	0.08, 0.00, 0.23, 0.10
HSL	81°, 51%, 80%
HSV	81°, 23%, 90%
XYZ	63.4898, 73.8050, 53.0224
YIQ	218.6900, 5.9640, -19.9880

Conversions

Conversions Part 2

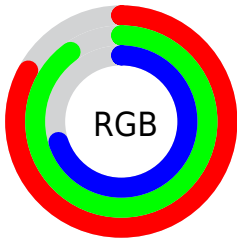
Format	Color
RYB	178, 230, 196
Decimal	13952690
CIELab	88.83, -14.78, 23.39
CIELCh	89, 27.669, 122.280
Yxy	73.8050, 0.3336, 0.3878
Android (android.graphics.Color)	4292142770 (0xFFD4E6B2)
YUV	218.6900, -20.0602, -5.8671
Hunter-Lab	85.9098, -18.4256, 23.5439

Details

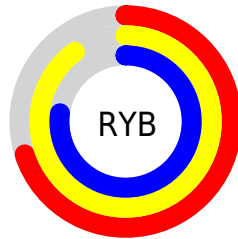
The Yxy color **73.8050, 0.3336, 0.3878** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2905, 0.2881, 0.2681**, and the grayscale version is **70.7556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **38.9209, 0.3381, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **71.8074, 0.3424, 0.4158**, and if you desaturate by 10%, it is **76.0221, 0.3244, 0.3608**.

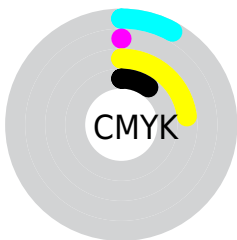
Distribution



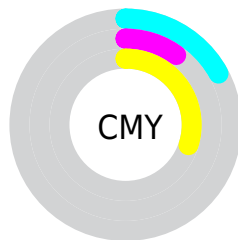
- Red (83%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)





- Cyan (17%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8050, 0.3336, 0.3878 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 73.8050, 0.3336, 0.3878 by changing the saturation by 10% instead.


 73.8050, 0.3336,
0.3878

 73.8050, 0.3336,
0.3878


473.8001, 0.3244,
0.3600

 54.6345, 0.3356,
0.3943

 124.6193, 0.3305,
0.3780

 39.1091, 0.3379,
0.4024


157.0319, 0.3293,
0.3743

 26.8446, 0.3408,
0.4127


194.6273, 0.3282,
0.3710

 17.4566, 0.3442,
0.4263

237.7899, 0.3273,
0.3682

 10.5605, 0.3485,
0.4450

286.9041, 0.3264,
0.3658

 5.7722, 0.3535,
0.4722

342.3542, 0.3257,

 2.7070, 0.3607,

0.3636

0.5179

404.5248, 0.3250,
0.3617

0.9808, 0.3669,
0.6331

0.0000, 0.0000,
0.0000

73.8050, 0.3336,
0.3878

73.8050, 0.3336,
0.3878

71.8074, 0.3424,
0.4158

76.0221, 0.3244,
0.3608

70.0112, 0.3504,
0.4439


78.4571, 0.3151,
0.3353


68.4102, 0.3570,
0.4712

81.1208, 0.3060,
0.3117


66.9946, 0.3618,
0.4962

83.0154, 0.3064,
0.3043


 65.7529, 0.3644,
0.5178

 84.4674, 0.3117,
0.3047

 64.6724, 0.3644,
0.5349

 85.0728, 0.3138,
0.3048

 63.7378, 0.3620,
0.5470

 63.1230, 0.3590,
0.5532

Harmonies

Analogous

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



73.8050, 0.3622, 0.3838



73.8050, 0.3336, 0.3878



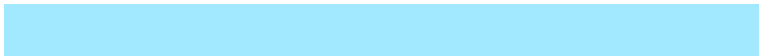
73.8050, 0.3004, 0.3736

Triad

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



73.8050, 0.3336, 0.3878



73.8050, 0.2515, 0.2885



73.8050, 0.3544, 0.3120

Complementary

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



73.8050, 0.3336, 0.3878



49.2905, 0.2881, 0.2681

Split Complementary

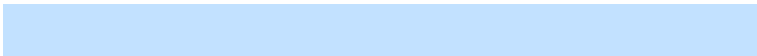
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8050, 0.3226, 0.2897



73.8050, 0.3336, 0.3878



73.8050, 0.2640, 0.2758

Square

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



73.8050, 0.3336, 0.3878



73.8050, 0.2541, 0.3136



73.8050, 0.2895, 0.2766



73.8050, 0.3750, 0.3391

Rectangle

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



73.8050, 0.3336, 0.3878



73.8050, 0.2803, 0.3558



73.8050, 0.2895, 0.2766



73.8050, 0.3446, 0.3038

Sweetspot

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



73.8082, 0.3336, 0.3878



97.7516, 0.3192, 0.3464



59.2195, 0.3548, 0.3486



20.8828, 0.3198, 0.3480



0.0000, 0.0000, 0.0000



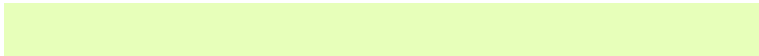
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8082, 0.3336, 0.3878



92.0935, 0.3377, 0.4005



70.3311, 0.3156, 0.3912



16.5548, 0.3214, 0.3526



35.8076, 0.3599, 0.5524



2.6971, 0.3687, 0.5455

Inverse Universe

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



49.2905, 0.2881, 0.2681



56.0956, 0.2822, 0.2545



52.9818, 0.3083, 0.2717



14.1282, 0.3034, 0.3051



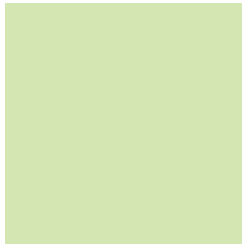
4.2492, 0.1765, 0.0746



0.3641, 0.1926, 0.0835

Previews

White Background



This preview shows how the Yxy color 73.8050, 0.3336, 0.3878 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 73.8050, 0.3336, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

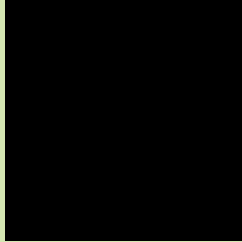
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

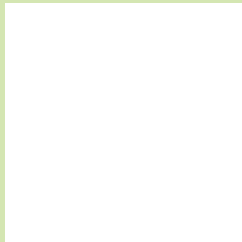
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8050, 0.3336, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 73.8050, 0.3336, 0.3878.

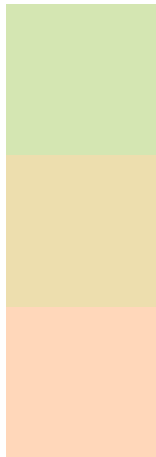


This preview shows how white text looks on a background with the Yxy color 73.8050, 0.3336, 0.3878.

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

73.8050, 0.3336, 0.3878

Protanopia

73.3031, 0.3567, 0.3807

Deuteranopia

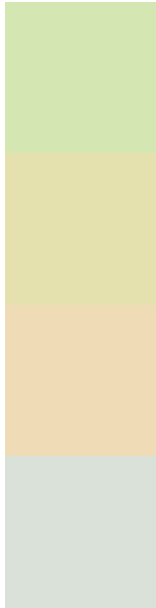
73.4060, 0.3638, 0.3589



Tritanopia

73.8467, 0.3011, 0.3109

Trichromacy



Original Color

73.8050, 0.3336, 0.3878

Protanomaly

73.4396, 0.3484, 0.3839

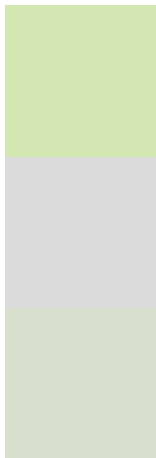
Deuteranomaly

72.9560, 0.3524, 0.3687

Tritanomaly

73.7656, 0.3130, 0.3377

Monochromacy



Original Color

73.8050, 0.3336, 0.3878

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7339, 0.3203, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8050, 0.3336, 0.3878 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(212, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 178) }
```

Border

The CSS property to change the border of an element to Yxy 73.8050, 0.3336, 0.3878 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(212, 230, 178) }
```

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

```
.border{ border-color:rgb(212, 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(212, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8050, 0.3336, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 230, 178) }
```

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

```
.background{ background-color: rgb(212,  
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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