

Converting Colors

$Yxy(74.3760, 0.3453, 0.3970)$

Have a look what the booklet for
Yxy(74.3760, 0.3453, 0.3970)
contains.

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Color

Yxy(74.6738, 0.3453, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	DCE6A9
RGB	220, 230, 169
RGB Percent	86%, 90%, 66%
CMY	0.1371, 0.0981, 0.3372
CMYK	0.04, 0.00, 0.27, 0.10
HSL	70°, 55%, 78%
HSV	70°, 27%, 90%
XYZ	64.9820, 74.6738, 48.5342
YIQ	220.0560, 13.6210, -21.0910

Conversions

Conversions Part 2

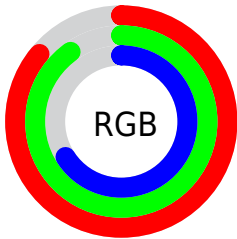
Format	Color
RYB	169, 230, 179
Decimal	14476969
CIELab	89.24, -13.15, 28.67
CIELCh	89, 31.541, 114.631
Yxy	74.6738, 0.3453, 0.3968
Android (android.graphics.Color)	4292667049 (0xFFDCE6A9)
YUV	220.0560, -25.1706, -0.0491
Hunter-Lab	86.4140, -16.9952, 27.1897

Details

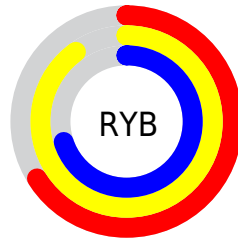
The Yxy color **74.6738, 0.3453, 0.3968** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.6787, 0.2743, 0.2546**, and the grayscale version is **71.7892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **39.8134, 0.3519, 0.4146** is the 20% darker color. If you saturate the color by 10%, you get **73.3078, 0.3571, 0.4230**, and if you desaturate by 10%, it is **76.2116, 0.3330, 0.3705**.

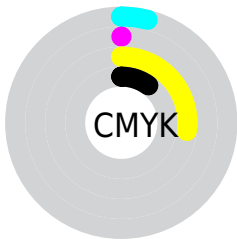
Distribution



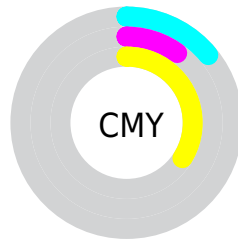
- Red (86%)
- Green (90%)
- Blue (66%)



- Red (66%)
- Yellow (90%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (10%)




- Cyan (14%)
- Magenta (10%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6738, 0.3453, 0.3968 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 74.6738, 0.3453, 0.3968 by changing the saturation by 10% instead.


 74.6738, 0.3453,
0.3968

 74.6738, 0.3453,
0.3968


476.7956, 0.3309,
0.3649

 55.3457, 0.3484,
0.4041

 125.8505, 0.3404,
0.3857

 39.6786, 0.3521,
0.4132


158.4679, 0.3385,
0.3814

 27.2880, 0.3566,
0.4248


196.2838, 0.3368,
0.3777

 17.7897, 0.3621,
0.4398

239.6827, 0.3353,
0.3744

 10.7991, 0.3688,
0.4601

289.0490, 0.3340,
0.3716

 5.9319, 0.3767,
0.4887


344.7669, 0.3328,

 2.8037, 0.3944,


0.3691

0.5445


407.2210, 0.3318,
0.3669


 1.0301, 0.3874,
0.6126

 0.0000, 0.0000,
0.0000


 74.6738, 0.3453,
0.3968


 74.6738, 0.3453,
0.3968


 73.3078, 0.3571,
0.4230


 76.2116, 0.3330,
0.3705


 72.0955, 0.3680,
0.4483

 77.9186, 0.3206,
0.3450


 71.0316, 0.3772,
0.4716


 79.8053, 0.3086,
0.3207


 70.1063, 0.3844,
0.4917

 81.4843, 0.3006,
0.3038

 69.3086, 0.3891,
0.5078


 82.1310, 0.3031,
0.3040


 68.6258, 0.3912,
0.5193


 82.7913, 0.3056,
0.3042

 68.0417, 0.3908,
0.5264

 83.4653, 0.3081,
0.3044

 67.8517, 0.3904,
0.5283

 84.1530, 0.3106,
0.3046

 84.8546, 0.3131,
0.3048

Harmonies

Analogous

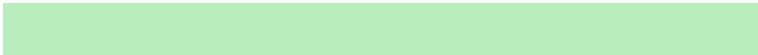
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6738, 0.3749, 0.3869



74.6738, 0.3453, 0.3968



74.6738, 0.3080, 0.3861

Triad

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



74.6738, 0.3453, 0.3968



74.6738, 0.2428, 0.2889



74.6738, 0.3516, 0.3026

Complementary

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



74.6738, 0.3453, 0.3968



43.6787, 0.2743, 0.2546

Split Complementary

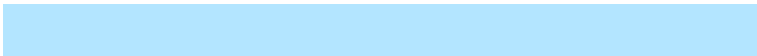
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6738, 0.3139, 0.2799



74.6738, 0.3453, 0.3968



74.6738, 0.2526, 0.2710

Square

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



74.6738, 0.3453, 0.3968



74.6738, 0.2501, 0.3201



74.6738, 0.2779, 0.2684



74.6738, 0.3794, 0.3321

Rectangle

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



74.6738, 0.3453, 0.3968



74.6738, 0.2841, 0.3681



74.6738, 0.2779, 0.2684



74.6738, 0.3395, 0.2940

Sweetspot

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



74.6771, 0.3453, 0.3968



98.1283, 0.3225, 0.3488



51.5951, 0.3670, 0.3396



20.9317, 0.3244, 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.



74.6771, 0.3453, 0.3968



93.3709, 0.3521, 0.4117



70.4503, 0.3238, 0.4017



16.6918, 0.3242, 0.3524



38.4611, 0.3908, 0.5279



2.8741, 0.3952, 0.5244

Inverse Universe

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



43.6787, 0.2743, 0.2546



47.7920, 0.2644, 0.2362



47.6018, 0.2980, 0.2595



13.9997, 0.3005, 0.3049



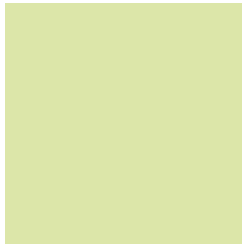
3.4981, 0.1572, 0.0639



0.2928, 0.1693, 0.0706

Previews

White Background



This preview shows how the Yxy color 74.6738, 0.3453, 0.3968 looks on a white background.

Color Contrast Check

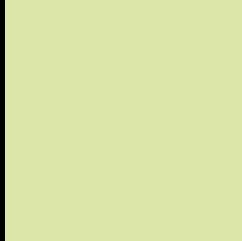
Large Text (above 18pt) WCAG AA × Fail

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 74.6738, 0.3453, 0.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

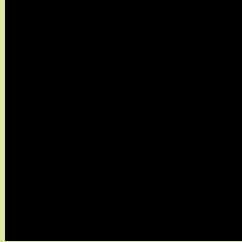
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

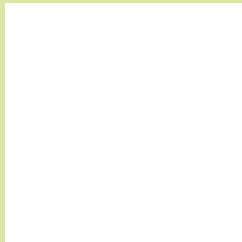
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6738, 0.3453, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 74.6738, 0.3453, 0.3968.

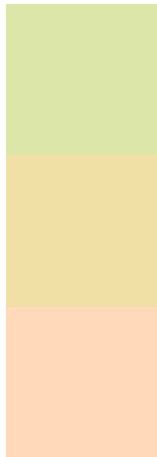


This preview shows how white text looks on a background with the Yxy color 74.6738, 0.3453, 0.3968.

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

74.6738, 0.3453, 0.3968

Protanopia

74.5897, 0.3640, 0.3908

Deuteranopia

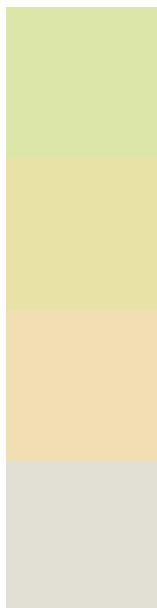
74.3885, 0.3640, 0.3620



Tritanopia

74.5440, 0.3073, 0.3112

Trichromacy



Original Color

74.6738, 0.3453, 0.3968

Protanomaly

74.5064, 0.3574, 0.3929

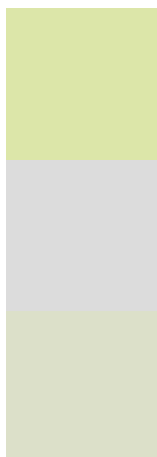
Deuteranomaly

74.3745, 0.3570, 0.3746

Tritanomaly

74.2842, 0.3214, 0.3409

Monochromacy



Original Color

74.6738, 0.3453, 0.3968

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.7440, 0.3251, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6738, 0.3453, 0.3968 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(220, 230, 169)` looks like.

```
.text, #text, p{  
    color:rgb(220, 230, 169)  
}
```

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(220, 230, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 230, 169) }
```

Border

The CSS property to change the border of an element to Yxy 74.6738, 0.3453, 0.3968 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(220, 230, 169) }
```

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

```
.border{ border-color:rgb(220, 230, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 230, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 230, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 230, 169);  
box-shadow:4px 4px 4px 4px rgb(220, 230,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6738, 0.3453, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 230, 169) }
```

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

```
.background{ background-color: rgb(220,  
230, 169) }
```

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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