

Converting Colors

Yxy(74.6653, 0.3750, 0.4331)

Have a look what the booklet for
Yxy(74.6653, 0.3750, 0.4331)
contains.

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Color

Yxy(74.9451, 0.3748, 0.4331)

Conversions

Conversions Part 1

Format	Color
Hex	E5E685
RGB	229, 230, 133
RGB Percent	90%, 90%, 52%
CMY	0.1018, 0.0981, 0.4784
CMYK	0.00, 0.00, 0.42, 0.10
HSL	61°, 66%, 71%
HSV	61°, 42%, 90%
XYZ	64.8567, 74.9451, 33.2416
YIQ	218.6430, 30.5410, -30.3790

Conversions

Conversions Part 2

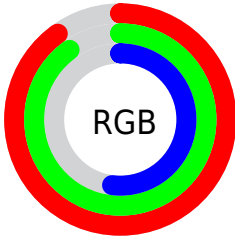
Format	Color
R_{YB}	133, 230, 134
Decimal	15066757
CIE Lab	89.37, -13.98, 47.00
CIE LCh	89, 49.032, 106.563
Yxy	74.9451, 0.3748, 0.4331
Android (android.graphics.Color)	4293256837 (0xFFE5E685)
YUV	218.6430, -42.2220, 9.0831
Hunter-Lab	86.5708, -17.7713, 37.8333

Details

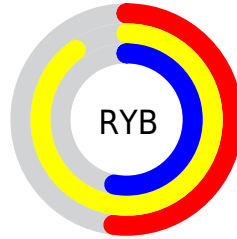
The Yxy color **74.9451, 0.3748, 0.4331** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **27.5555, 0.2346, 0.1989**, and the grayscale version is **70.8677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **40.0247, 0.3863, 0.4570** is the 20% darker color. If you saturate the color by 10%, you get **74.3442, 0.3876, 0.4548**, and if you desaturate by 10%, it is **75.6920, 0.3606, 0.4093**.

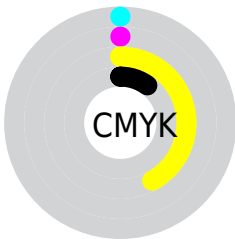
Distribution



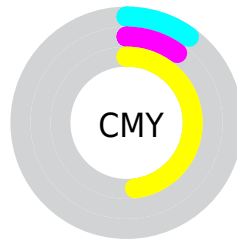
- Red (90%)
- Green (90%)
- Blue (52%)



- Red (52%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (0%)
- Yellow (42%)
- Black (10%)





- Cyan (10%)
- Magenta (10%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9451, 0.3748, 0.4331 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 74.9451, 0.3748, 0.4331 by changing the saturation by 10% instead.

 74.9451, 0.3748,
0.4331


 74.9451, 0.3748,
0.4331


477.7289, 0.3480,
0.3850

 55.5679, 0.3802,
0.4438

 126.2346, 0.3660,
0.4166

 39.8566, 0.3865,
0.4567


 158.9158, 0.3624,
0.4101

 27.4268, 0.3936,
0.4725


 196.8004, 0.3593,
0.4045

 17.8940, 0.4016,
0.4922

240.2728, 0.3565,
0.3996

 10.8739, 0.4097,
0.5167

289.7175, 0.3540,
0.3953

 5.9821, 0.4219,
0.5545

345.5188, 0.3518,

 2.8342, 0.4160,

0.3914

0.5840

408.0611, 0.3498,
0.3880

■ 1.0458, 0.3813,
0.6187

■ 0.0000, 0.0000,
0.0000

■ 74.9451, 0.3748,
0.4331

■ 74.9451, 0.3748,
0.4331

■ 74.3442, 0.3876,
0.4548

■ 75.6920, 0.3606,
0.4093

■ 73.8700, 0.3986,
0.4733


■ 76.5831, 0.3457,
0.3843


■ 73.5155, 0.4071,
0.4879

■ 77.6294, 0.3307,
0.3590

■ 73.2690, 0.4131,
0.4983

■ 78.8381, 0.3159,
0.3342


 73.1162, 0.4164,
0.5043

 80.2160, 0.3016,
0.3105

 73.0440, 0.4176,
0.5066

 80.6950, 0.2976,
0.3036

 80.7318, 0.2977,
0.3036

 80.7688, 0.2979,
0.3036

 80.8057, 0.2980,
0.3036

Harmonies

Analogous

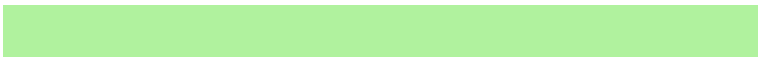
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9451, 0.4161, 0.4064



74.9451, 0.3748, 0.4331



74.9451, 0.3190, 0.4288

Triad

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



74.9451, 0.3748, 0.4331



74.9451, 0.2085, 0.2765



74.9451, 0.3573, 0.2786

Complementary

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



74.9451, 0.3748, 0.4331



27.5555, 0.2346, 0.1989

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.



74.9451, 0.2975, 0.2496



74.9451, 0.3748, 0.4331



74.9451, 0.2163, 0.2456

Square

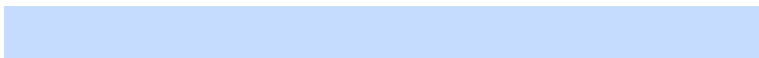
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9451, 0.3748, 0.4331



74.9451, 0.2249, 0.3284



74.9451, 0.2471, 0.2374



74.9451, 0.4076, 0.3191

Rectangle

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



74.9451, 0.3748, 0.4331



74.9451, 0.2815, 0.4049



74.9451, 0.2471, 0.2374



74.9451, 0.3374, 0.2674

Sweetspot

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



74.9485, 0.3748, 0.4331



97.9852, 0.3320, 0.3613



35.2938, 0.4223, 0.3293



20.9072, 0.3354, 0.3669



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.



74.9485, 0.3748, 0.4331



94.0218, 0.3866, 0.4530



68.1663, 0.3390, 0.4470



16.8097, 0.3266, 0.3522



41.3609, 0.4177, 0.5066



3.0587, 0.4179, 0.5064

Inverse Universe

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



27.5555, 0.2346, 0.1989



26.3259, 0.2149, 0.1664



32.3758, 0.2733, 0.2114



13.8938, 0.2982, 0.3047



3.2456, 0.1503, 0.0602



0.2422, 0.1512, 0.0607

Previews

White Background



This preview shows how the Yxy color 74.9451, 0.3748, 0.4331 looks on a white background.

Color Contrast Check

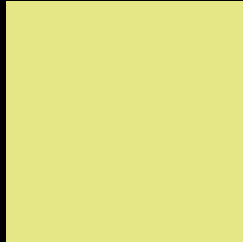
Large Text (above 18pt) WCAG AA × Fail

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 74.9451, 0.3748, 0.4331 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 74.9451, 0.3748, 0.4331

Background



This preview shows how black text looks on a background with the Yxy color 74.9451, 0.3748, 0.4331.



This preview shows how white text looks on a background with the Yxy color 74.9451, 0.3748, 0.4331.

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

74.9451, 0.3748, 0.4331

Protanopia

75.0820, 0.3912, 0.4255

Deuteranopia

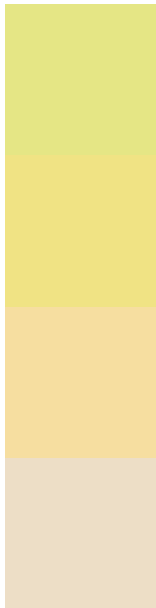
74.5374, 0.3703, 0.3722



Tritanopia

74.8417, 0.3178, 0.3116

Trichromacy



Original Color

74.9451, 0.3748, 0.4331

Protanomaly

75.1294, 0.3851, 0.4282

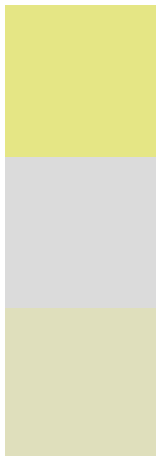
Deuteranomaly

74.3734, 0.3734, 0.3940

Tritanomaly

74.3243, 0.3399, 0.3546

Monochromacy



Original Color

74.9451, 0.3748, 0.4331

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.0942, 0.3362, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9451, 0.3748, 0.4331 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(229, 230, 133)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 133)  
}
```

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(229, 230, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 133) }
```

Border

The CSS property to change the border of an element to Yxy 74.9451, 0.3748, 0.4331 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(229, 230, 133) }
```

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

```
.border{ border-color:rgb(229, 230, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 230, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 133);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9451, 0.3748, 0.4331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 133) }
```

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

```
.background{ background-color: rgb(229,  
230, 133) }
```

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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