

Converting Colors

$Y_{xy}(74.3070, 0.3769, 0.4352)$

Have a look what the booklet for
Yxy(74.3070, 0.3769, 0.4352)
contains.

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Color

Yxy(74.3083, 0.3770, 0.4352)

Conversions

Conversions Part 1

Format	Color
Hex	E5E582
RGB	229, 229, 130
RGB Percent	90%, 90%, 51%
CMY	0.1018, 0.1020, 0.4902
CMYK	0.00, 0.00, 0.43, 0.10
HSL	60°, 66%, 70%
HSV	60°, 43%, 90%
XYZ	64.3709, 74.3083, 32.0659
YIQ	217.7140, 31.7790, -30.7890

Conversions

Conversions Part 2

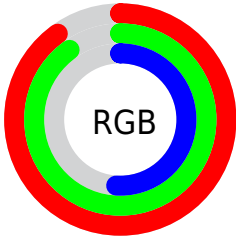
Format	Color
R_{YB}	130, 229, 130
Decimal	15066498
CIE _{Lab}	89.07, -13.79, 48.09
CIE _{LCh}	89, 50.026, 106.000
Yxy	74.3083, 0.3770, 0.4352
Android (android.graphics.Color)	4293256578 (0xFFE5E582)
YUV	217.7140, -43.2430, 9.8978
Hunter-Lab	86.2023, -17.5603, 38.2866

Details

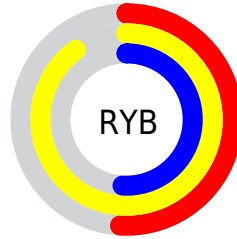
The Yxy color **74.3083, 0.3770, 0.4352** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **26.3807, 0.2316, 0.1949**, and the grayscale version is **70.1959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **39.5928, 0.3889, 0.4593** is the 20% darker color. If you saturate the color by 10%, you get **73.7576, 0.3898, 0.4564**, and if you desaturate by 10%, it is **75.0027, 0.3628, 0.4117**.

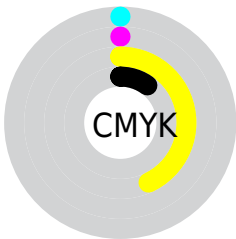
Distribution



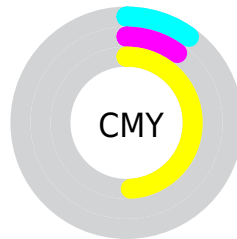
- Red (90%)
- Green (90%)
- Blue (51%)



- Red (51%)
- Yellow (90%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (43%)
- Black (10%)




- Cyan (10%)
- Magenta (10%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3083, 0.3770, 0.4352 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 74.3083, 0.3770, 0.4352 by changing the saturation by 10% instead.


 74.3083, 0.3770,
0.4352


 74.3083, 0.3770,
0.4352


475.5367, 0.3492,
0.3861

 55.0464, 0.3826,
0.4461


 125.3327, 0.3679,
0.4184

 39.4389, 0.3890,
0.4592


 157.8641, 0.3642,
0.4118

 27.1013, 0.3964,
0.4752


 195.5874, 0.3610,
0.4060

 17.6493, 0.4045,
0.4950

238.8870, 0.3581,
0.4010

 10.6985, 0.4126,
0.5194

288.1474, 0.3555,
0.3966

 5.8645, 0.4266,
0.5598

343.7528, 0.3532,

 2.7629, 0.4164,

0.3927

0.5836

406.0878, 0.3511,
0.3893

■ 1.0092, 0.3796,
0.6204

■ 0.0000, 0.0000,
0.0000

■ 74.3083, 0.3770,
0.4352

■ 74.3083, 0.3770,
0.4352

■ 73.7576, 0.3898,
0.4564

■ 75.0027, 0.3628,
0.4117

■ 73.3311, 0.4007,
0.4744


■ 75.8389, 0.3477,
0.3869

■ 73.0221, 0.4092,
0.4883

■ 76.8281, 0.3325,
0.3617

■ 72.8185, 0.4150,
0.4980

■ 77.9773, 0.3175,
0.3369

 72.7059, 0.4183,
0.5034

 79.2932, 0.3030,
0.3130

 72.6660, 0.4194,
0.5052

 79.9563, 0.2967,
0.3025

 79.9623, 0.2967,
0.3026

 79.9683, 0.2967,
0.3026

 79.9743, 0.2967,
0.3026

Harmonies

Analogous

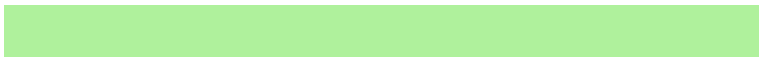
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3083, 0.4189, 0.4072



74.3083, 0.3770, 0.4352



74.3083, 0.3201, 0.4318

Triad

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



74.3083, 0.3770, 0.4352



74.3083, 0.2065, 0.2760



74.3083, 0.3571, 0.2769

Complementary

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



74.3083, 0.3770, 0.4352



26.3807, 0.2316, 0.1949

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.



74.3083, 0.2960, 0.2476



74.3083, 0.3770, 0.4352



74.3083, 0.2139, 0.2441

Square

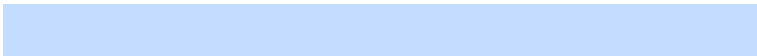
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3083, 0.3770, 0.4352



74.3083, 0.2236, 0.3294



74.3083, 0.2449, 0.2355



74.3083, 0.4091, 0.3179

Rectangle

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



74.3083, 0.3770, 0.4352



74.3083, 0.2817, 0.4078



74.3083, 0.2449, 0.2355



74.3083, 0.3367, 0.2655

Sweetspot

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



74.3117, 0.3770, 0.4352



98.0358, 0.3322, 0.3613



34.2845, 0.4245, 0.3274



20.9199, 0.3356, 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.



74.3117, 0.3770, 0.4352



94.1549, 0.3887, 0.4545



67.5170, 0.3408, 0.4497



16.8160, 0.3268, 0.3522



41.5305, 0.4194, 0.5052



3.0693, 0.4194, 0.5052

Inverse Universe

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



26.3807, 0.2316, 0.1949



25.4199, 0.2120, 0.1626



31.0721, 0.2705, 0.2078



13.8883, 0.2980, 0.3047



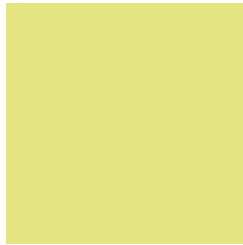
3.2363, 0.1500, 0.0600



0.2395, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 74.3083, 0.3770, 0.4352 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 74.3083, 0.3770, 0.4352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

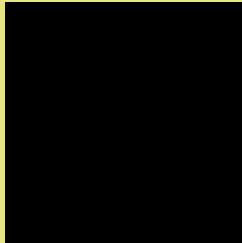
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3083, 0.3770, 0.4352

Background



This preview shows how black text looks on a background with the Yxy color 74.3083, 0.3770, 0.4352.



This preview shows how white text looks on a background with the Yxy color 74.3083, 0.3770, 0.4352.

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

74.3083, 0.3770, 0.4352

Protanopia

74.2823, 0.3928, 0.4278

Deuteranopia

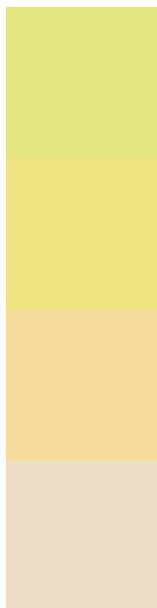
73.9028, 0.3728, 0.3743



Tritanopia

74.2670, 0.3186, 0.3115

Trichromacy



Original Color

74.3083, 0.3770, 0.4352

Protanomaly

74.3284, 0.3866, 0.4304

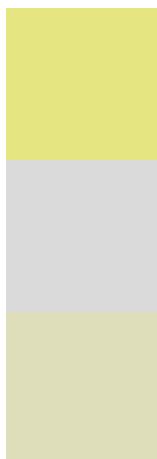
Deuteranomaly

73.7401, 0.3758, 0.3962

Tritanomaly

73.7030, 0.3415, 0.3558

Monochromacy



Original Color

74.3083, 0.3770, 0.4352

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3173, 0.3370, 0.3691

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3083, 0.3770, 0.4352 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, 229, 130)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 130)  
}
```

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, 229, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 130) }
```

Border

The CSS property to change the border of an element to Yxy 74.3083, 0.3770, 0.4352 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, 229, 130) }
```

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

```
.border{ border-color:rgb(229, 229, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 229, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 130);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3083, 0.3770, 0.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 130) }
```

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

```
.background{ background-color: rgb(229,  
229, 130) }
```

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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