

Converting Colors

$Y_{xy}(74.0552, 0.3756, 0.4475)$

Have a look what the booklet for
Yxy(74.0552, 0.3756, 0.4475)
contains.

Yxy(74.0866, 0.3754, 0.4470)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0866, 0.3754, 0.4470)

Conversions

Conversions Part 1

Format	Color
Hex	DEE77A
RGB	222, 231, 122
RGB Percent	87%, 91%, 48%
CMY	0.1293, 0.0941, 0.5215
CMYK	0.04, 0.00, 0.47, 0.09
HSL	65°, 69%, 69%
HSV	65°, 47%, 91%
XYZ	62.2195, 74.0866, 29.4357
YIQ	215.8830, 29.6250, -35.8070

Conversions

Conversions Part 2

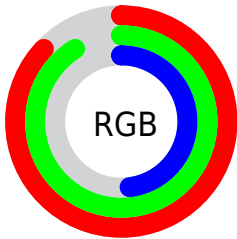
Format	Color
RYB	122, 231, 131
Decimal	14608250
CIELab	88.96, -18.29, 51.65
CIElCh	89, 54.792, 109.495
Yxy	74.0866, 0.3754, 0.4470
Android (android.graphics.Color)	4292798330 (0xFFDEE77A)
YUV	215.8830, -46.2843, 5.3646
Hunter-Lab	86.0736, -21.5975, 39.9753

Details

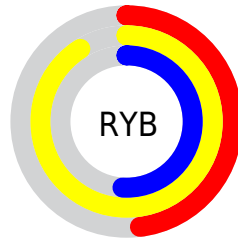
The Yxy color **74.0866, 0.3754, 0.4470** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.5151, 0.2295, 0.1830**, and the grayscale version is **68.8966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **39.4922, 0.3856, 0.4737** is the 20% darker color. If you saturate the color by 10%, you get **73.2851, 0.3860, 0.4686**, and if you desaturate by 10%, it is **75.0343, 0.3632, 0.4230**.

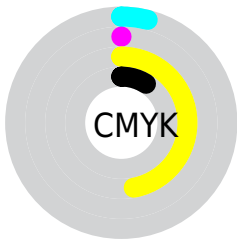
Distribution



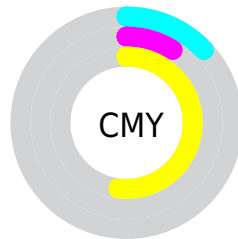
- Red (87%)
- Green (91%)
- Blue (48%)



- Red (48%)
- Yellow (91%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)




- Cyan (13%)
- Magenta (9%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0866, 0.3754, 0.4470 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 74.0866, 0.3754, 0.4470 by changing the saturation by 10% instead.


 74.0866, 0.3754,
0.4470

 74.0866, 0.3754,
0.4470


474.7722, 0.3489,
0.3922


 54.8649, 0.3805,
0.4591

 125.0186, 0.3669,
0.4282

 39.2936, 0.3862,
0.4738

 157.4976, 0.3634,
0.4208

 26.9882, 0.3924,
0.4917

 195.1646, 0.3603,
0.4144

 17.5644, 0.3987,
0.5137

238.4039, 0.3575,
0.4088

 10.6377, 0.4039,
0.5407

287.5999, 0.3550,
0.4039

 5.8238, 0.4138,
0.5862

343.1371, 0.3528,

 2.7382, 0.3920,

0.3995

0.6080

405.3997, 0.3508,
0.3957

■ 0.9966, 0.3326,
0.6674

■ 0.0000, 0.0000,
0.0000

■ 74.0866, 0.3754,
0.4470

■ 74.0866, 0.3754,
0.4470

■ 73.2851, 0.3860,
0.4686

■ 75.0343, 0.3632,
0.4230

■ 72.6099, 0.3945,
0.4867

■ 76.1270, 0.3499,
0.3977


■ 72.0532, 0.4005,
0.5008


■ 77.3761, 0.3361,
0.3720

■ 71.6020, 0.4038,
0.5104

■ 78.7891, 0.3224,
0.3466

 71.2394, 0.4047,
0.5157


 80.3730, 0.3090,
0.3223

 71.1453, 0.4048,
0.5168

 81.7678, 0.2996,
0.3048

 82.0904, 0.3008,
0.3049

 82.4164, 0.3020,
0.3050

 82.7459, 0.3033,
0.3050

Harmonies

Analogous

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



74.0866, 0.4243, 0.4181



74.0866, 0.3754, 0.4470



74.0866, 0.3126, 0.4394

Triad

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



74.0866, 0.3754, 0.4470



74.0866, 0.1971, 0.2652



74.0866, 0.3689, 0.2769

Complementary

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



74.0866, 0.3754, 0.4470



24.5151, 0.2295, 0.1830

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.



74.0866, 0.3017, 0.2437



74.0866, 0.3754, 0.4470



74.0866, 0.2083, 0.2343

Square

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



74.0866, 0.3754, 0.4470



74.0866, 0.2122, 0.3211



74.0866, 0.2442, 0.2282



74.0866, 0.4233, 0.3220

Rectangle

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



74.0866, 0.3754, 0.4470



74.0866, 0.2714, 0.4098



74.0866, 0.2442, 0.2282



74.0866, 0.3466, 0.2642

Sweetspot

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



74.0900, 0.3754, 0.4470



97.3572, 0.3318, 0.3640



34.1675, 0.4383, 0.3376



20.7592, 0.3348, 0.3696



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.



74.0900, 0.3754, 0.4470



91.6992, 0.3861, 0.4688



67.0176, 0.3361, 0.4644



16.7537, 0.3255, 0.3523



39.9121, 0.4050, 0.5166



2.9673, 0.4072, 0.5149

Inverse Universe

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



24.5151, 0.2295, 0.1830



22.4060, 0.2087, 0.1482



29.8532, 0.2737, 0.1988



13.9436, 0.2993, 0.3048



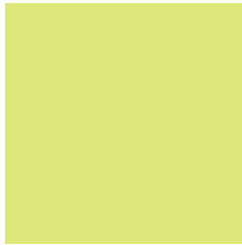
3.3335, 0.1527, 0.0615



0.2661, 0.1599, 0.0655

Previews

White Background



This preview shows how the Yxy color 74.0866, 0.3754, 0.4470 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 74.0866, 0.3754, 0.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

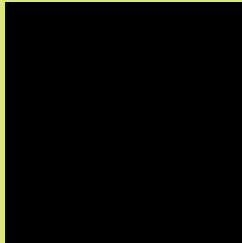
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0866, 0.3754, 0.4470

Background



This preview shows how black text looks on a background with the Yxy color 74.0866, 0.3754, 0.4470.



This preview shows how white text looks on a background with the Yxy color 74.0866, 0.3754, 0.4470.

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

74.0866, 0.3754, 0.4470

Protanopia

73.7001, 0.3995, 0.4347

Deuteranopia

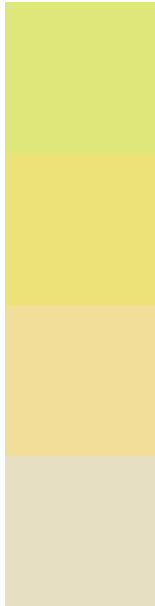
73.8260, 0.3742, 0.3764



Tritanopia

73.8031, 0.3135, 0.3113

Trichromacy



Original Color

74.0866, 0.3754, 0.4470

Protanomaly

73.7533, 0.3904, 0.4395

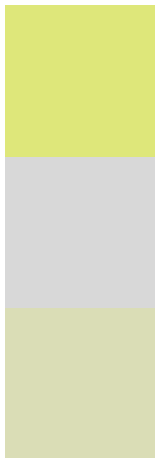
Deuteranomaly

73.5971, 0.3758, 0.4019

Tritanomaly

73.4934, 0.3373, 0.3605

Monochromacy



Original Color

74.0866, 0.3754, 0.4470

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.9957, 0.3369, 0.3730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0866, 0.3754, 0.4470 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(222, 231, 122)` looks like.

```
.text, #text, p{  
    color:rgb(222, 231, 122)  
}
```

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(222, 231, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 231, 122) }
```

Border

The CSS property to change the border of an element to Yxy 74.0866, 0.3754, 0.4470 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(222, 231, 122) }
```

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

```
.border{ border-color:rgb(222, 231, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 231, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 231, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 231, 122);  
box-shadow:4px 4px 4px 4px rgb(222, 231,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0866, 0.3754, 0.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 231, 122) }
```

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

```
.background{ background-color: rgb(222,  
231, 122) }
```

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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