

Converting Colors

$Y_{xy}(74.0274, 0.3974, 0.4351)$

Have a look what the booklet for
Yxy(74.0274, 0.3974, 0.4351)
contains.

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Color

Yxy(74.0799, 0.3976, 0.4350)

Conversions

Conversions Part 1

Format	Color
Hex	F5E078
RGB	245, 224, 120
RGB Percent	96%, 88%, 47%
CMY	0.0391, 0.1216, 0.5293
CMYK	0.00, 0.09, 0.51, 0.04
HSL	50°, 86%, 72%
HSV	50°, 51%, 96%
XYZ	67.7107, 74.0799, 28.5080
YIQ	218.4230, 45.9000, -27.8920

Conversions

Conversions Part 2

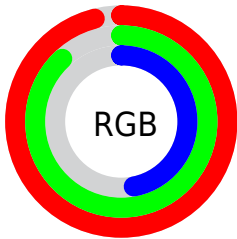
Format	Color
RYB	145, 245, 120
Decimal	16113784
CIELab	88.96, -5.86, 53.02
CIELCh	89, 53.341, 96.305
Yxy	74.0799, 0.3976, 0.4350
Android (android.graphics.Color)	4294303864 (0xFFFF5E078)
YUV	218.4230, -48.5225, 23.3080
Hunter-Lab	86.0697, -10.1966, 40.6108

Details

The Yxy color **74.0799, 0.3976, 0.4350** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.6576, 0.2196, 0.1929**, and the grayscale version is **70.7422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **39.2324, 0.4131, 0.4568** is the 20% darker color. If you saturate the color by 10%, you get **71.3731, 0.4135, 0.4518**, and if you desaturate by 10%, it is **76.9996, 0.3806, 0.4156**.

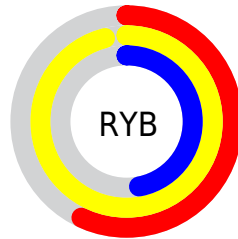
Distribution



Red (96%)

Green (88%)

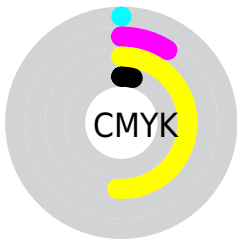
Blue (47%)



Red (57%)

Yellow (96%)

Blue (47%)

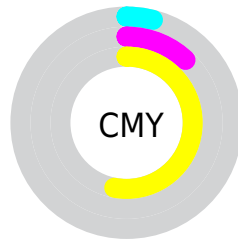


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (4%)



Cyan (4%)


Magenta (12%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0799, 0.3976, 0.4350 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 74.0799, 0.3976, 0.4350 by changing the saturation by 10% instead.


 74.0799, 0.3976,
0.4350

 74.0799, 0.3976,
0.4350


474.7491, 0.3606,
0.3874


 54.8594, 0.4051,
0.4451


 125.0091, 0.3854,
0.4190

 39.2892, 0.4138,
0.4570


 157.4866, 0.3805,
0.4127

 26.9848, 0.4238,
0.4710


 195.1518, 0.3761,
0.4071

 17.5618, 0.4349,
0.4875

238.3893, 0.3723,
0.4022

 10.6358, 0.4465,
0.5064

287.5834, 0.3689,
0.3978

 5.8225, 0.4643,
0.5357

343.1185, 0.3658,

 2.7375, 0.4577,

0.3940

0.5423

405.3789, 0.3631,
0.3905

■ 0.9963, 0.4453,
0.5547

■ 0.0000, 0.0000,
0.0000

■ 74.0799, 0.3976,
0.4350

■ 74.0799, 0.3976,
0.4350

■ 71.3731, 0.4135,
0.4518

■ 76.9996, 0.3806,
0.4156

■ 68.8565, 0.4275,
0.4650


■ 80.1327, 0.3633,
0.3947


■ 66.5197, 0.4390,
0.4739

■ 83.4928, 0.3462,
0.3732

■ 64.3459, 0.4476,
0.4781


■ 87.0891, 0.3297,
0.3518

 62.5079, 0.4532,
0.4784

 90.9303, 0.3142,
0.3310

 94.2240, 0.3067,
0.3229

 96.7972, 0.3066,
0.3269

 98.1575, 0.3066,
0.3290

Harmonies

Analogous

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



74.0799, 0.4341, 0.3975



74.0799, 0.3976, 0.4350



74.0799, 0.3404, 0.4449

Triad

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



74.0799, 0.3976, 0.4350



74.0799, 0.2031, 0.2883



74.0799, 0.3388, 0.2620

Complementary

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



74.0799, 0.3976, 0.4350



29.6576, 0.2196, 0.1929

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.



74.0799, 0.2753, 0.2366



74.0799, 0.3976, 0.4350



74.0799, 0.2028, 0.2468

Square

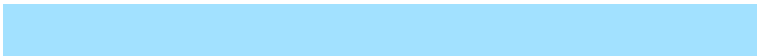
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0799, 0.3976, 0.4350



74.0799, 0.2293, 0.3506



74.0799, 0.2275, 0.2303



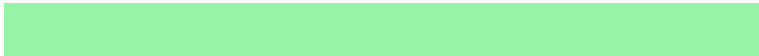
74.0799, 0.4002, 0.3020

Rectangle

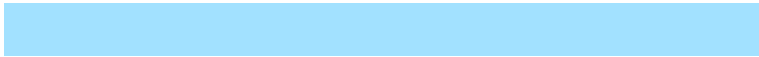
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0799, 0.3976, 0.4350



74.0799, 0.2987, 0.4283



74.0799, 0.2275, 0.2303



74.0799, 0.3167, 0.2517

Sweetspot

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



74.0834, 0.3976, 0.4350



93.7389, 0.3362, 0.3603



34.8392, 0.4318, 0.3049



19.8860, 0.3397, 0.3648



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.



74.0834, 0.3976, 0.4350



78.1124, 0.4136, 0.4520



79.7212, 0.3588, 0.4662



18.8111, 0.3273, 0.3485



33.8434, 0.4525, 0.4789



3.0975, 0.4476, 0.4828

Inverse Universe

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



29.6576, 0.2196, 0.1929



24.7236, 0.2002, 0.1614



27.4681, 0.2430, 0.1774



16.3772, 0.2979, 0.3087



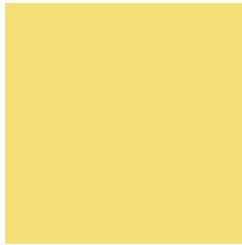
4.5484, 0.1541, 0.0748



0.5264, 0.1597, 0.0947

Previews

White Background



This preview shows how the Yxy color 74.0799, 0.3976, 0.4350 looks on a white background.

Color Contrast Check

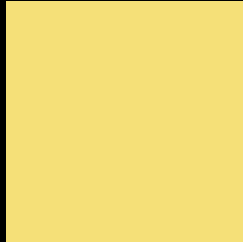
Large Text (above 18pt) WCAG AA × Fail

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 74.0799, 0.3976, 0.4350 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 74.0799, 0.3976, 0.4350

Background



This preview shows how black text looks on a background with the Yxy color 74.0799, 0.3976, 0.4350.



This preview shows how white text looks on a background with the Yxy color 74.0799, 0.3976, 0.4350.

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

74.0799, 0.3976, 0.4350

Protanopia

74.2602, 0.3984, 0.4347

Deuteranopia

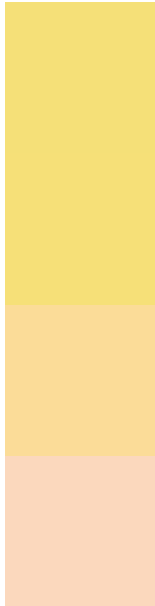
73.8260, 0.3742, 0.3764



Tritanopia

73.9484, 0.3335, 0.3130

Trichromacy



Original Color

74.0799, 0.3976, 0.4350

Protanomaly

74.2602, 0.3984, 0.4347

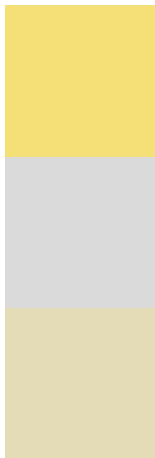
Deuteranomaly

73.9626, 0.3835, 0.3993

Tritanomaly

73.2951, 0.3582, 0.3571

Monochromacy



Original Color

74.0799, 0.3976, 0.4350

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0578, 0.3447, 0.3709

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0799, 0.3976, 0.4350 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(245, 224, 120)` looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 120)  
}
```

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(245, 224, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 120) }
```

Border

The CSS property to change the border of an element to Yxy 74.0799, 0.3976, 0.4350 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(245, 224, 120) }
```

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

```
.border{ border-color:rgb(245, 224, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 224, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 120);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0799, 0.3976, 0.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 120) }
```

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

```
.background{ background-color: rgb(245,  
224, 120) }
```

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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