

# Converting Colors

Yxy(74.1005, 0.4378, 0.4839)

Have a look what the booklet for  
Yxy(74.1005, 0.4378, 0.4839)  
contains.

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**Color**

**Yxy(74.1005, 0.4378, 0.4839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE01E
RGB	252, 224, 30
RGB Percent	99%, 88%, 12%
CMY	0.0117, 0.1216, 0.8827
CMYK	0.00, 0.11, 0.88, 0.01
HSL	52°, 97%, 55%
HSV	52°, 88%, 99%
XYZ	67.0411, 74.1005, 11.9902
YIQ	210.2560, 78.9620, -54.3980

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 252, 30
Decimal	16572446
CIELab	88.97, -7.38, 85.12
CIELCh	89, 85.438, 94.953
Yxy	74.1005, 0.4378, 0.4839
Android (android.graphics.Color)	4294762526 (0xFFFC01E)
YUV	210.2560, -88.8662, 36.6095
Hunter-Lab	86.0816, -11.6256, 51.9987

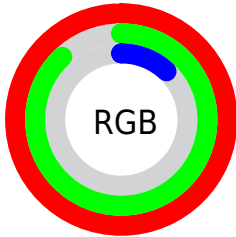
# Details

The Yxy color **74.1005, 0.4378, 0.4839** is a light color, and the websafe version is hex **FFCC00**.

The color can be described as light washed yellow. A complement of this color would be **10.3235, 0.1595, 0.0839**, and the grayscale version is **65.1796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7001, 0.3986, 0.4709**, and **39.4523, 0.4412, 0.4879** is the 20% darker color. If you saturate the color by 10%, you get **72.3277, 0.4431, 0.4856**, and if you desaturate by 10%, it is **76.0131, 0.4298, 0.4778**.

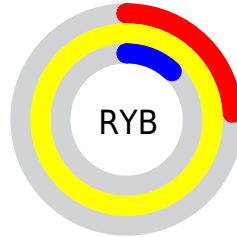
# Distribution



Red (99%)

Green (88%)

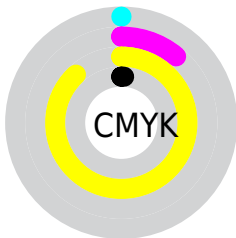
Blue (12%)



Red (24%)

Yellow (99%)

Blue (12%)

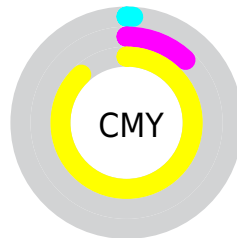


Cyan (0%)

Magenta (11%)

Yellow (88%)

Black (1%)



Cyan (1%)

Magenta (12%)


Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1005, 0.4378, 0.4839 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 74.1005, 0.4378, 0.4839 by changing the saturation by 10% instead.




 74.1005, 0.4378,  
0.4839


 74.1005, 0.4378,  
0.4839


474.8202, 0.3891,  
0.4203


 54.8763, 0.4454,  
0.4949

 125.0383, 0.4236,  
0.4645

 39.3027, 0.4529,  
0.5065


 157.5206, 0.4172,  
0.4561

 26.9953, 0.4595,  
0.5181


 195.1911, 0.4114,  
0.4485

 17.5697, 0.4673,  
0.5327

 238.4342, 0.4061,  
0.4417

 10.6415, 0.4636,  
0.5364

 287.6343, 0.4012,  
0.4356

 5.8263, 0.4583,  
0.5417

 343.1757, 0.3968,

 2.7398, 0.4498,

0.4300

0.5502

405.4429, 0.3928,  
0.4249

■ 0.9974, 0.4337,  
0.5663

■ 0.0000, 0.0000,  
0.0000

■ 74.1005, 0.4378,  
0.4839

■ 74.1005, 0.4378,  
0.4839

■ 72.3277, 0.4431,  
0.4856


■ 76.0131, 0.4298,  
0.4778


■ 72.0051, 0.4439,  
0.4857


■ 78.0776, 0.4189,  
0.4672

■ 80.3142, 0.4057,  
0.4524

■ 82.7370, 0.3906,  
0.4341

 85.3585, 0.3743,  
0.4134

 88.1900, 0.3576,  
0.3914

 91.2416, 0.3411,  
0.3688

 94.5228, 0.3251,  
0.3466

 97.9309, 0.3110,  
0.3267

# Harmonies

## Analogous

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



74.1005, 0.4985, 0.4165



74.1005, 0.4378, 0.4839



74.1005, 0.3502, 0.5195

# Triad

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



74.1005, 0.4378, 0.4839



74.1005, 0.1508, 0.2627



74.1005, 0.3464, 0.2269

# Complementary

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



74.1005, 0.4378, 0.4839



10.3235, 0.1595, 0.0839

# 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.



74.1005, 0.2488, 0.1924



74.1005, 0.4378, 0.4839



74.1005, 0.1508, 0.2037

# Square

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



74.1005, 0.4378, 0.4839



74.1005, 0.1859, 0.3655



74.1005, 0.1828, 0.1832



74.1005, 0.4484, 0.2813



# Rectangle

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



74.1005, 0.4378, 0.4839



74.1005, 0.2877, 0.5010



74.1005, 0.1828, 0.1832



74.1005, 0.3113, 0.2128

# Sweetspot

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



74.1041, 0.4378, 0.4839



91.2191, 0.3541, 0.3866



21.9452, 0.5949, 0.3152



19.3000, 0.3599, 0.3944



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.



74.1041, 0.4378, 0.4839



73.9411, 0.4439, 0.4857



78.3416, 0.3601, 0.5451



19.7950, 0.3272, 0.3495



37.6509, 0.4434, 0.4861



3.5884, 0.4401, 0.4887



# Inverse Universe

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



10.3235, 0.1595, 0.0839



8.2626, 0.1522, 0.0677



11.3556, 0.1910, 0.0880



16.9958, 0.2979, 0.3076



4.3066, 0.1526, 0.0694



0.5067, 0.1571, 0.0854



# Previews

## White Background



This preview shows how the Yxy color 74.1005, 0.4378, 0.4839 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

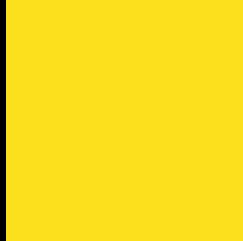
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.1005, 0.4378, 0.4839 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 74.1005, 0.4378, 0.4839**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.1005, 0.4378, 0.4839.



This preview shows how white text looks on a background with the Yxy color 74.1005, 0.4378, 0.4839.

# 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

74.1005, 0.4378, 0.4839

### Protanopia

74.1005, 0.4378, 0.4839

### Deuteranopia

74.0831, 0.3790, 0.3845



## Tritanopia

73.7288, 0.3364, 0.3170

# Trichromacy



## Original Color

74.1005, 0.4378, 0.4839

## Protanomaly

74.1005, 0.4378, 0.4839



## Deuteranomaly

73.4950, 0.4097, 0.4328



## Tritanomaly

72.4825, 0.3868, 0.3938

# Monochromacy



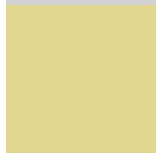
## Original Color

74.1005, 0.4378, 0.4839



## Achromatopsia

64.4480, 0.3127, 0.3290



## Achromatomaly

66.6528, 0.3696, 0.4075

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.1005, 0.4378, 0.4839 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(252, 224, 30)` looks like.

```
.text, #text, p{  
    color:rgb(252, 224, 30)  
}
```

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(252, 224, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 224, 30) }
```

## Border

The CSS property to change the border of an element to Yxy 74.1005, 0.4378, 0.4839 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(252, 224, 30) }
```

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

```
.border{ border-color:rgb(252, 224, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 224, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 224, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 224, 30);  
box-shadow:4px 4px 4px 4px rgb(252, 224,  
30) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.1005, 0.4378, 0.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 224, 30) }
```

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

```
.background{ background-color: rgb(252,  
224, 30) }
```

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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