

Converting Colors

$Yxy(74.1504, 0.4189, 0.4473)$

Have a look what the booklet for
Yxy(74.1504, 0.4189, 0.4473)
contains.

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Color

Yxy(74.3844, 0.4186, 0.4476)

Conversions

Conversions Part 1

Format	Color
Hex	FFDE62
RGB	255, 222, 98
RGB Percent	100%, 87%, 38%
CMY	0.0000, 0.1294, 0.6158
CMYK	0.00, 0.13, 0.62, 0.00
HSL	47°, 100%, 69%
HSV	47°, 62%, 100%
XYZ	69.5650, 74.3844, 22.2356
YIQ	217.7310, 59.4720, -31.5680

Conversions

Conversions Part 2

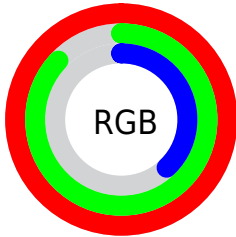
Format	Color
R _Y B	140, 255, 98
Decimal	16768610
CIE Lab	89.10, -2.44, 63.44
CIE LCh	89, 63.484, 92.201
Yxy	74.3844, 0.4186, 0.4476
Android (android.graphics.Color)	4294958690 (0xFFFFDE62)
YUV	217.7310, -59.0274, 32.6849
Hunter-Lab	86.2464, -6.9558, 45.0867

Details

The Yxy color **74.3844, 0.4186, 0.4476** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **26.0343, 0.2010, 0.1677**, and the grayscale version is **70.2988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **39.4067, 0.4374, 0.4691** is the 20% darker color. If you saturate the color by 10%, you get **71.1793, 0.4339, 0.4600**, and if you desaturate by 10%, it is **77.8394, 0.4015, 0.4316**.

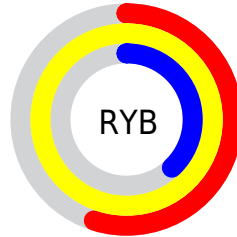
Distribution



Red (100%)

Green (87%)

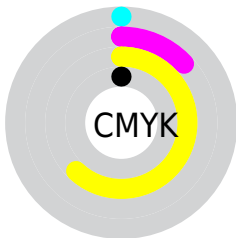
Blue (38%)



Red (55%)

Yellow (100%)

Blue (38%)

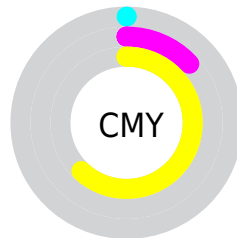


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3844, 0.4186, 0.4476 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 74.3844, 0.4186, 0.4476 by changing the saturation by 10% instead.


 74.3844, 0.4186,
0.4476


 74.3844, 0.4186,
0.4476


475.7990, 0.3733,
0.3962

 55.1087, 0.4274,
0.4578


 125.4406, 0.4040,
0.4309

 39.4888, 0.4372,
0.4693


 157.9898, 0.3980,
0.4241

 27.1402, 0.4481,
0.4822


 195.7324, 0.3927,
0.4180

 17.6785, 0.4594,
0.4962

 239.0527, 0.3879,
0.4127

 10.7194, 0.4732,
0.5135

288.3352, 0.3837,
0.4079

 5.8785, 0.4779,
0.5221

343.9641, 0.3799,

 2.7713, 0.4751,

0.4036

0.5249

406.3239, 0.3764,
0.3997

■ 1.0136, 0.4702,
0.5298

■ 0.0000, 0.0000,
0.0000

■ 74.3844, 0.4186,
0.4476

■ 74.3844, 0.4186,
0.4476

■ 71.1793, 0.4339,
0.4600

■ 77.8394, 0.4015,
0.4316

■ 68.1990, 0.4468,
0.4680

■ 81.5491, 0.3835,
0.4130

■ 65.4273, 0.4568,
0.4711

■ 85.5292, 0.3654,
0.3930

■ 63.2326, 0.4630,
0.4705

■ 89.7910, 0.3477,
0.3723

94.3454, 0.3308,
0.3518

99.2021, 0.3151,
0.3320

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



74.3844, 0.4584, 0.3989



74.3844, 0.4186, 0.4476



74.3844, 0.3532, 0.4690

Triad

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



74.3844, 0.4186, 0.4476



74.3844, 0.1875, 0.2881



74.3844, 0.3321, 0.2461

Complementary

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



74.3844, 0.4186, 0.4476



26.0343, 0.2010, 0.1677

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.



74.3844, 0.2591, 0.2197



74.3844, 0.4186, 0.4476



74.3844, 0.1838, 0.2368

Square

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



74.3844, 0.4186, 0.4476



74.3844, 0.2208, 0.3652



74.3844, 0.2079, 0.2153



74.3844, 0.4077, 0.2895

Rectangle

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



74.3844, 0.4186, 0.4476



74.3844, 0.3044, 0.4554



74.3844, 0.2079, 0.2153



74.3844, 0.3062, 0.2351

Sweetspot

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



74.3875, 0.4186, 0.4476



91.3893, 0.3415, 0.3649



31.6534, 0.4663, 0.2966



19.2827, 0.3465, 0.3709



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.



74.3875, 0.4186, 0.4476



70.4392, 0.4373, 0.4624



86.1770, 0.3683, 0.4907



20.4046, 0.3274, 0.3477



33.2646, 0.4622, 0.4712



3.3935, 0.4563, 0.4759

Inverse Universe

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



26.0343, 0.2010, 0.1677



18.6853, 0.1806, 0.1325



21.7389, 0.2208, 0.1426



17.9960, 0.2979, 0.3096



5.3023, 0.1559, 0.0811



0.6653, 0.1613, 0.1005

Previews

White Background



This preview shows how the Yxy color 74.3844, 0.4186, 0.4476 looks on a white background.

Color Contrast Check

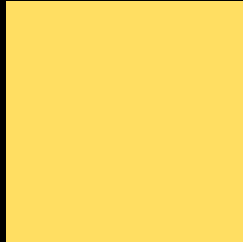
Large Text (above 18pt) WCAG AA × Fail

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 74.3844, 0.4186, 0.4476 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 74.3844, 0.4186, 0.4476

Background



This preview shows how black text looks on a background with the Yxy color 74.3844, 0.4186, 0.4476.



This preview shows how white text looks on a background with the Yxy color 74.3844, 0.4186, 0.4476.

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

74.3844, 0.4186, 0.4476

Protanopia

74.3519, 0.4122, 0.4509

Deuteranopia

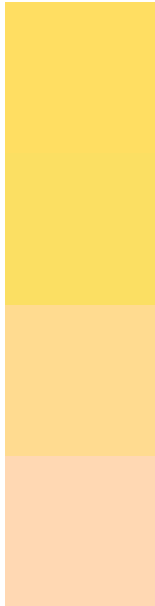
74.3051, 0.3746, 0.3784



Tritanopia

74.2847, 0.3355, 0.3170

Trichromacy



Original Color

74.3844, 0.4186, 0.4476

Protanomaly

74.1854, 0.4144, 0.4493

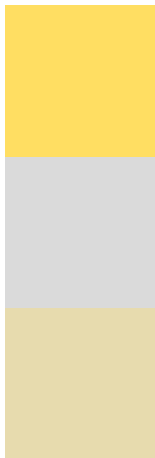
Deuteranomaly

73.9367, 0.3925, 0.4053

Tritanomaly

73.6264, 0.3687, 0.3672

Monochromacy



Original Color

74.3844, 0.4186, 0.4476

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7080, 0.3528, 0.3784

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3844, 0.4186, 0.4476 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(255, 222, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 98)  
}
```

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(255, 222, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 98) }
```

Border

The CSS property to change the border of an element to Yxy 74.3844, 0.4186, 0.4476 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(255, 222, 98) }
```

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

```
.border{ border-color:rgb(255, 222, 98) }
```

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

Here you see how a box with a 4 pixel rgb(255, 222, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3844, 0.4186, 0.4476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 98) }
```

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

```
.background{ background-color: rgb(255,  
222, 98) }
```

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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