

Converting Colors

$Y_{xy}(74.7505, 0.3969, 0.4147)$

Have a look what the booklet for
Yxy(74.7505, 0.3969, 0.4147)
contains.

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Color

Yxy(74.7505, 0.3969, 0.4147)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD88
RGB	255, 221, 136
RGB Percent	100%, 87%, 53%
CMY	0.0000, 0.1333, 0.4666
CMYK	0.00, 0.13, 0.47, 0.00
HSL	43°, 100%, 77%
HSV	43°, 47%, 100%
XYZ	71.5420, 74.7505, 33.9595
YIQ	221.4760, 47.5490, -19.2270

Conversions

Conversions Part 2

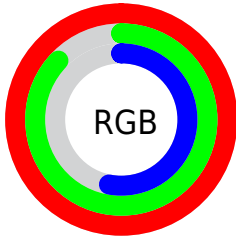
Format	Color
RYB	184, 255, 136
Decimal	16768392
CIELab	89.28, 1.05, 45.88
CIELCh	89, 45.890, 88.690
Yxy	74.7505, 0.3969, 0.4147
Android (android.graphics.Color)	4294958472 (0xFFFFDD88)
YUV	221.4760, -42.1397, 29.4005
Hunter-Lab	86.4584, -3.5981, 37.2327

Details

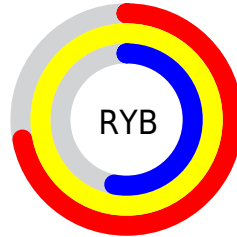
The Yxy color **74.7505, 0.3969, 0.4147** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.2144, 0.2313, 0.2238**, and the grayscale version is **72.9392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5416, 0.3508, 0.3919**, and **39.6483, 0.4145, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **70.3482, 0.4168, 0.4308**, and if you desaturate by 10%, it is **79.4991, 0.3770, 0.3968**.

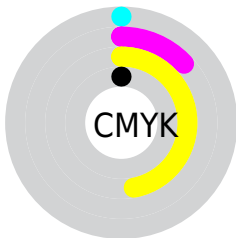
Distribution



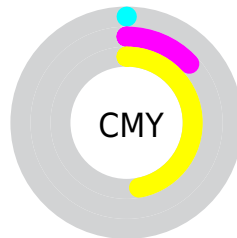
- Red (100%)
- Green (87%)
- Blue (53%)



- Red (72%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7505, 0.3969, 0.4147 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 74.7505, 0.3969, 0.4147 by changing the saturation by 10% instead.


 74.7505, 0.3969,
0.4147


 74.7505, 0.3969,
0.4147


477.0596, 0.3592,
0.3766


 55.4085, 0.4049,
0.4228


 125.9591, 0.3843,
0.4019

 39.7289, 0.4144,
0.4323


 158.5945, 0.3792,
0.3968

 27.3272, 0.4258,
0.4437


 196.4299, 0.3748,
0.3924

 17.8191, 0.4394,
0.4572

239.8496, 0.3709,
0.3884

 10.8202, 0.4554,
0.4728

289.2380, 0.3675,
0.3850

 5.9461, 0.4782,
0.4951

344.9796, 0.3644,

 2.8123, 0.4925,

0.3818

0.5075

407.4586, 0.3617,
0.3791

■ 1.0345, 0.4945,
0.5055

■ 0.0000, 0.0000,
0.0000

■ 74.7505, 0.3969,
0.4147

■ 74.7505, 0.3969,
0.4147

■ 70.3482, 0.4168,
0.4308

■ 79.4991, 0.3770,
0.3968

■ 66.2674, 0.4358,
0.4439

■ 84.5970, 0.3578,
0.3780

■ 62.4954, 0.4530,
0.4530

■ 90.0599, 0.3397,
0.3591

■ 59.0134, 0.4675,
0.4572

■ 95.8993, 0.3230,
0.3407

■ 55.7984, 0.4788,
0.4563

100.0000, 0.3127,
0.3290

■ 54.7720, 0.4822,
0.4554

Harmonies

Analogous

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



74.7505, 0.4209, 0.3798



74.7505, 0.3969, 0.4147



74.7505, 0.3511, 0.4288

Triad

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



74.7505, 0.3969, 0.4147



74.7505, 0.2210, 0.3073



74.7505, 0.3211, 0.2635

Complementary

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



74.7505, 0.3969, 0.4147



41.2144, 0.2313, 0.2238

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.



74.7505, 0.2685, 0.2450



74.7505, 0.3969, 0.4147



74.7505, 0.2146, 0.2655

Square

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



74.7505, 0.3969, 0.4147



74.7505, 0.2501, 0.3623



74.7505, 0.2311, 0.2448



74.7505, 0.3758, 0.2961

Rectangle

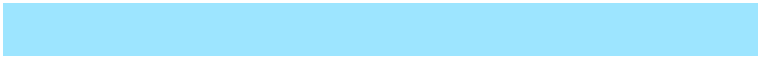
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7505, 0.3969, 0.4147



74.7505, 0.3152, 0.4203



74.7505, 0.2311, 0.2448



74.7505, 0.3025, 0.2555

Sweetspot

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



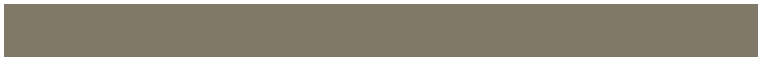
74.7539, 0.3969, 0.4147



91.5736, 0.3351, 0.3542



41.8438, 0.4012, 0.2921



19.3369, 0.3389, 0.3582



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.



74.7539, 0.3969, 0.4147



70.6271, 0.4155, 0.4298



90.3215, 0.3654, 0.4506



20.1620, 0.3276, 0.3459



28.8874, 0.4809, 0.4564



2.9994, 0.4722, 0.4633

Inverse Universe

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



41.2144, 0.2313, 0.2238



33.4614, 0.2142, 0.1983



32.2913, 0.2398, 0.1874



18.2230, 0.2979, 0.3115



6.4716, 0.1600, 0.0961



0.8070, 0.1661, 0.1177

Previews

White Background



This preview shows how the Yxy color 74.7505, 0.3969, 0.4147 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 74.7505, 0.3969, 0.4147 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 74.7505, 0.3969, 0.4147

Background



This preview shows how black text looks on a background with the Yxy color 74.7505, 0.3969, 0.4147.



This preview shows how white text looks on a background with the Yxy color 74.7505, 0.3969, 0.4147.

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

74.7505, 0.3969, 0.4147

Protanopia

74.5299, 0.3871, 0.4192

Deuteranopia

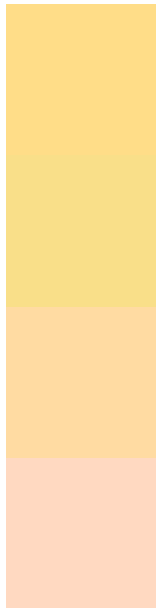
74.5771, 0.3696, 0.3712



Tritanopia

74.8441, 0.3347, 0.3170

Trichromacy



Original Color

74.7505, 0.3969, 0.4147

Protanomaly

74.7212, 0.3907, 0.4172

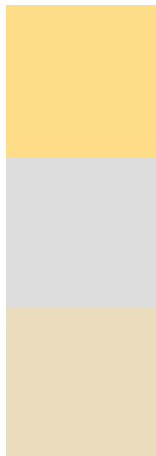
Deuteranomaly

74.5317, 0.3800, 0.3875

Tritanomaly

74.7360, 0.3582, 0.3537

Monochromacy



Original Color

74.7505, 0.3969, 0.4147

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7542, 0.3427, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7505, 0.3969, 0.4147 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, 221, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 136)  
}
```

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, 221, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 136) }
```

Border

The CSS property to change the border of an element to Yxy 74.7505, 0.3969, 0.4147 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, 221, 136) }
```

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

```
.border{ border-color:rgb(255, 221, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7505, 0.3969, 0.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 136) }
```

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

```
.background{ background-color: rgb(255,  
221, 136) }
```

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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