

Converting Colors

$Yxy(78.7701, 0.4167, 0.4063)$

Have a look what the booklet for
Yxy(78.7701, 0.4167, 0.4063)
contains.

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Color

Yxy(73.7006, 0.3979, 0.4129)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB88
RGB	255, 219, 136
RGB Percent	100%, 86%, 53%
CMY	0.0000, 0.1412, 0.4667
CMYK	0.00, 0.14, 0.47, 0.00
HSL	42°, 100%, 77%
HSV	42°, 47%, 100%
XYZ	71.0232, 73.7006, 33.7713
YIQ	220.3020, 48.0990, -18.1810

Conversions

Conversions Part 2

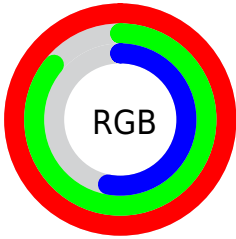
Format	Color
R _Y B	188, 255, 136
Decimal	16767880
CIE Lab	88.78, 2.08, 45.28
CIE LCh	89, 45.323, 87.368
Yxy	73.7006, 0.3979, 0.4129
Android (android.graphics.Color)	4294957960 (0xFFFFDB88)
YUV	220.3020, -41.5609, 30.4301
Hunter-Lab	85.8491, -2.5623, 36.7709

Details

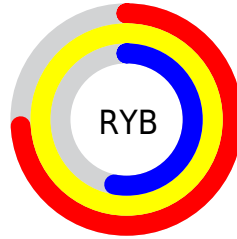
The Yxy color **73.7006, 0.3979, 0.4129** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.9574, 0.2317, 0.2264**, and the grayscale version is **72.0598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **38.9268, 0.4160, 0.4302** is the 20% darker color. If you saturate the color by 10%, you get **69.1251, 0.4183, 0.4287**, and if you desaturate by 10%, it is **78.6307, 0.3776, 0.3953**.

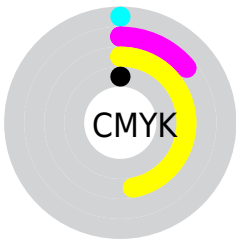
Distribution



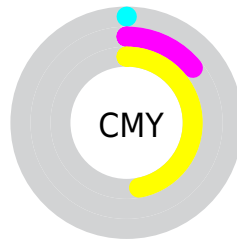
- Red (100%)
- Green (86%)
- Blue (53%)



- Red (74%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (47%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.7006, 0.3979, 0.4129 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 73.7006, 0.3979, 0.4129 by changing the saturation by 10% instead.


 73.7006, 0.3979,
0.4129

 73.7006, 0.3979,
0.4129


473.4394, 0.3596,
0.3756


 54.5490, 0.4061,
0.4208


 124.4713, 0.3850,
0.4004

 39.0408, 0.4158,
0.4301


 156.8592, 0.3799,
0.3954

 26.7914, 0.4275,
0.4412


 194.4280, 0.3754,
0.3910

 17.4167, 0.4416,
0.4544

237.5621, 0.3715,
0.3872

 10.5320, 0.4582,
0.4696

286.6459, 0.3680,
0.3838

 5.7531, 0.4825,
0.4916

342.0638, 0.3649,

 2.6955, 0.4976,

0.3807

0.5024

404.2002, 0.3621,
0.3780

■ 0.9749, 0.5018,
0.4982

■ 0.0000, 0.0000,
0.0000

■ 73.7006, 0.3979,
0.4129

■ 73.7006, 0.3979,
0.4129

■ 69.1251, 0.4183,
0.4287

■ 78.6307, 0.3776,
0.3953

■ 64.8958, 0.4379,
0.4415

■ 83.9357, 0.3581,
0.3769

■ 60.9941, 0.4558,
0.4503

■ 89.6260, 0.3399,
0.3584

■ 57.4007, 0.4711,
0.4541

■ 95.7136, 0.3231,
0.3405

■ 54.0921, 0.4831,
0.4529

100.0000, 0.3127,
0.3290

■ 53.0425, 0.4866,
0.4518

Harmonies

Analogous

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



73.7006, 0.4205, 0.3777



73.7006, 0.3979, 0.4129



73.7006, 0.3531, 0.4281

Triad

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



73.7006, 0.3979, 0.4129



73.7006, 0.2225, 0.3097



73.7006, 0.3186, 0.2628

Complementary

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



73.7006, 0.3979, 0.4129



41.9574, 0.2317, 0.2264

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.



73.7006, 0.2668, 0.2452



73.7006, 0.3979, 0.4129



73.7006, 0.2151, 0.2674

Square

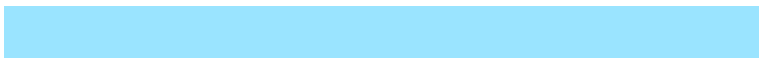
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7006, 0.3979, 0.4129



73.7006, 0.2523, 0.3644



73.7006, 0.2305, 0.2459



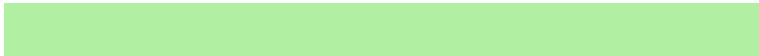
73.7006, 0.3731, 0.2947

Rectangle

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



73.7006, 0.3979, 0.4129



73.7006, 0.3176, 0.4205



73.7006, 0.2305, 0.2459



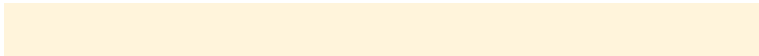
73.7006, 0.3002, 0.2551

Sweetspot

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



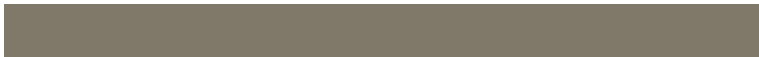
73.6984, 0.3979, 0.4129



91.2118, 0.3352, 0.3536



41.9097, 0.3990, 0.2900



19.2483, 0.3390, 0.3575



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.



73.6984, 0.3979, 0.4129



69.4203, 0.4169, 0.4277



90.6517, 0.3667, 0.4501



20.1085, 0.3277, 0.3455



27.9909, 0.4852, 0.4529



2.9177, 0.4759, 0.4603

Inverse Universe

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



41.9574, 0.2317, 0.2264



34.2546, 0.2149, 0.2014



32.0762, 0.2384, 0.1869



18.2737, 0.2979, 0.3119



6.7846, 0.1611, 0.0999



0.8428, 0.1672, 0.1219

Previews

White Background



This preview shows how the Yxy color 73.7006, 0.3979, 0.4129 looks on a white background.

Color Contrast Check

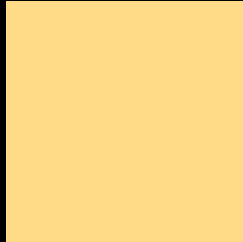
Large Text (above 18pt) WCAG AA × Fail

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 73.7006, 0.3979, 0.4129 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 73.7006, 0.3979, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 73.7006, 0.3979, 0.4129.



This preview shows how white text looks on a background with the Yxy color 73.7006, 0.3979, 0.4129.

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

73.7006, 0.3979, 0.4129

Protanopia

73.6650, 0.3854, 0.4179

Deuteranopia

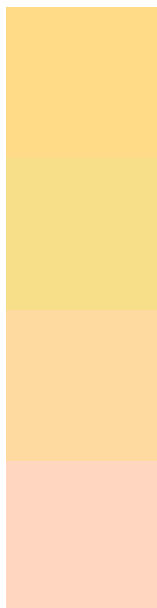
73.9028, 0.3728, 0.3743



Tritanopia

73.7288, 0.3364, 0.3170

Trichromacy



Original Color

73.7006, 0.3979, 0.4129

Protanomaly

73.8229, 0.3896, 0.4168

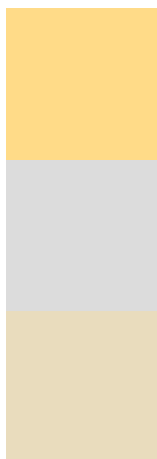
Deuteranomaly

73.9409, 0.3818, 0.3886

Tritanomaly

73.6666, 0.3594, 0.3527

Monochromacy



Original Color

73.7006, 0.3979, 0.4129

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.1842, 0.3436, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7006, 0.3979, 0.4129 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, 219, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 136) }
```

Border

The CSS property to change the border of an element to Yxy 73.7006, 0.3979, 0.4129 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, 219, 136) }
```

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

```
.border{ border-color:rgb(255, 219, 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, 219, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7006, 0.3979, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 136) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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