

Converting Colors

$Y_{xy}(72.7710, 0.4057, 0.3971)$

Have a look what the booklet for
Yxy(72.7710, 0.4057, 0.3971)
contains.

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Color

Yxy(70.3301, 0.3964, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	FFD48F
RGB	255, 212, 143
RGB Percent	100%, 83%, 56%
CMY	0.0000, 0.1686, 0.4393
CMYK	0.00, 0.17, 0.44, 0.00
HSL	37°, 100%, 78%
HSV	37°, 44%, 100%
XYZ	69.7494, 70.3301, 35.8777
YIQ	216.9910, 47.7770, -12.3430

Conversions

Conversions Part 2

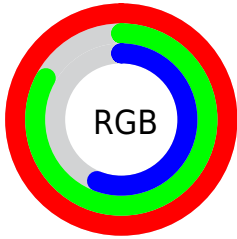
Format	Color
R _Y B	213, 255, 143
Decimal	16766095
CIE Lab	87.16, 6.35, 39.72
CIE LCh	87, 40.224, 80.924
Yxy	70.3301, 0.3964, 0.3997
Android (android.graphics.Color)	4294956175 (0xFFFFD48F)
YUV	216.9910, -36.4776, 33.3339
Hunter-Lab	83.8630, 1.6993, 33.3391

Details

The Yxy color **70.3301, 0.3964, 0.3997** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1707, 0.2388, 0.2451**, and the grayscale version is **69.6073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **36.9448, 0.4148, 0.4155** is the 20% darker color. If you saturate the color by 10%, you get **64.8931, 0.4192, 0.4144**, and if you desaturate by 10%, it is **76.2334, 0.3745, 0.3836**.

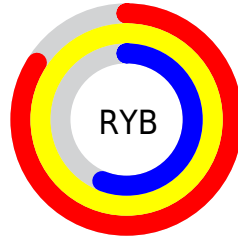
Distribution



Red (100%)

Green (83%)

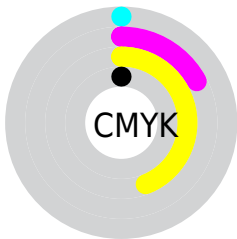
Blue (56%)



Red (84%)

Yellow (100%)

Blue (56%)

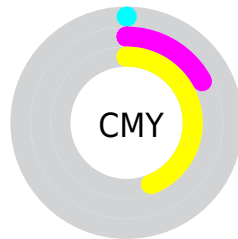


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3301, 0.3964, 0.3997 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 70.3301, 0.3964, 0.3997 by changing the saturation by 10% instead.


 70.3301, 0.3964,
0.3997


 70.3301, 0.3964,
0.3997

461.7082, 0.3580,
0.3682

 51.7957, 0.4049,
0.4064


 119.6794, 0.3833,
0.3891

 36.8423, 0.4151,
0.4144


 151.2630, 0.3781,
0.3849

 25.0854, 0.4277,
0.4239


187.9652, 0.3736,
0.3812

 16.1407, 0.4433,
0.4352

230.1704, 0.3697,
0.3780

 9.6238, 0.4627,
0.4485

278.2629, 0.3662,
0.3751

 5.1502, 0.4894,
0.4657

332.6271, 0.3632,

 2.3357, 0.5199,

0.3725

0.4801

393.6474, 0.3604,
0.3702

0.7925, 0.5345,
0.4655

0.0000, 0.0000,
0.0000

70.3301, 0.3964,
0.3997

70.3301, 0.3964,
0.3997

64.8931, 0.4192,
0.4144

76.2334, 0.3745,
0.3836

59.9143, 0.4423,
0.4266

82.6282, 0.3541,
0.3670

55.3717, 0.4643,
0.4351

89.5264, 0.3355,
0.3507

51.2441, 0.4842,
0.4387

96.9422, 0.3188,
0.3349

■ 47.5065, 0.5007, 100.0000, 0.3127,
0.4370 0.3290

■ 45.4084, 0.5093,
0.4338

Harmonies

Analogous

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



70.3301, 0.4108, 0.3659



70.3301, 0.3964, 0.3997



70.3301, 0.3595, 0.4174

Triad

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



70.3301, 0.3964, 0.3997



70.3301, 0.2350, 0.3222



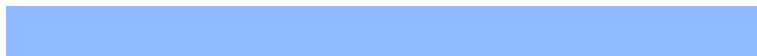
70.3301, 0.3075, 0.2639

Complementary

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



70.3301, 0.3964, 0.3997



48.1707, 0.2388, 0.2451

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.



70.3301, 0.2627, 0.2512



70.3301, 0.3964, 0.3997



70.3301, 0.2235, 0.2804

Square

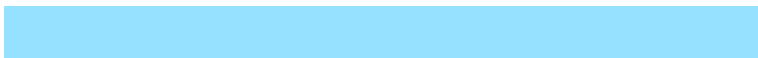
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3301, 0.3964, 0.3997



70.3301, 0.2664, 0.3712



70.3301, 0.2332, 0.2562



70.3301, 0.3573, 0.2909

Rectangle

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



70.3301, 0.3964, 0.3997



70.3301, 0.3281, 0.4146



70.3301, 0.2332, 0.2562



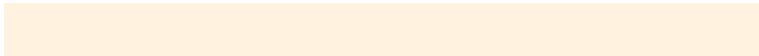
70.3301, 0.2913, 0.2579

Sweetspot

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



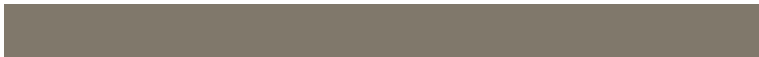
70.3270, 0.3964, 0.3997



90.1929, 0.3339, 0.3492



44.5215, 0.3816, 0.2826



18.9674, 0.3378, 0.3527



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.



70.3270, 0.3964, 0.3997



65.3781, 0.4171, 0.4131



92.6997, 0.3705, 0.4405



19.8507, 0.3279, 0.3436



24.0248, 0.5074, 0.4353



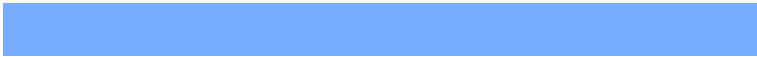
2.5508, 0.4947, 0.4454

Inverse Universe

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



48.1707, 0.2388, 0.2451



40.6070, 0.2231, 0.2239



33.7478, 0.2371, 0.1940



18.5210, 0.2979, 0.3139



8.5936, 0.1670, 0.1212



1.0403, 0.1732, 0.1436

Previews

White Background



This preview shows how the Yxy color 70.3301, 0.3964, 0.3997 looks on a white background.

Color Contrast Check

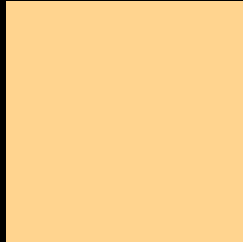
Large Text (above 18pt) WCAG AA × Fail

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 70.3301, 0.3964, 0.3997 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 70.3301, 0.3964, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 70.3301, 0.3964, 0.3997.



This preview shows how white text looks on a background with the Yxy color 70.3301, 0.3964, 0.3997.

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

70.3301, 0.3964, 0.3997

Protanopia

70.2227, 0.3774, 0.4066

Deuteranopia

70.4217, 0.3837, 0.3807



Tritanopia

70.4646, 0.3416, 0.3169

Trichromacy



Original Color

70.3301, 0.3964, 0.3997

Protanomaly

70.3892, 0.3845, 0.4041

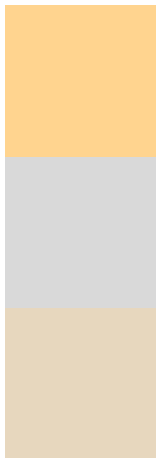
Deuteranomaly

70.1816, 0.3889, 0.3878

Tritanomaly

70.1333, 0.3618, 0.3467

Monochromacy



Original Color

70.3301, 0.3964, 0.3997

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3075, 0.3423, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3301, 0.3964, 0.3997 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, 212, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 143)  
}
```

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, 212, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 143) }
```

Border

The CSS property to change the border of an element to Yxy 70.3301, 0.3964, 0.3997 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, 212, 143) }
```

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

```
.border{ border-color:rgb(255, 212, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3301, 0.3964, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 143) }
```

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

```
.background{ background-color: rgb(255,  
212, 143) }
```

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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