

Converting Colors

$Y_{xy}(70.5529, 0.3829, 0.3799)$

Have a look what the booklet for
Yxy(70.5529, 0.3829, 0.3799)
contains.

Yxy(70.4572, 0.3829, 0.3797)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.4572, 0.3829, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3A2
RGB	255, 211, 162
RGB Percent	100%, 83%, 64%
CMY	0.0001, 0.1725, 0.3646
CMYK	0.00, 0.17, 0.36, 0.00
HSL	32°, 100%, 82%
HSV	32°, 36%, 100%
XYZ	71.0510, 70.4572, 44.0520
YIQ	218.5700, 41.9530, -5.9110

Conversions

Conversions Part 2

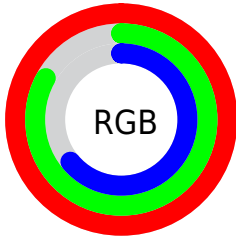
Format	Color
R _Y B	246, 255, 162
Decimal	16765858
CIE Lab	87.22, 8.87, 30.04
CIE LCh	87, 31.326, 73.560
Yxy	70.4572, 0.3829, 0.3797
Android (android.graphics.Color)	4294955938 (0xFFFFD3A2)
YUV	218.5700, -27.8890, 31.9491
Hunter-Lab	83.9388, 4.2006, 27.6411

Details

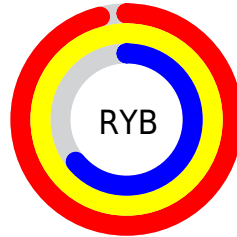
The Yxy color **70.4572, 0.3829, 0.3797** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.0426, 0.2534, 0.2719**, and the grayscale version is **70.7022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **37.1100, 0.3992, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **63.8737, 0.4073, 0.3935**, and if you desaturate by 10%, it is **77.6807, 0.3606, 0.3654**.

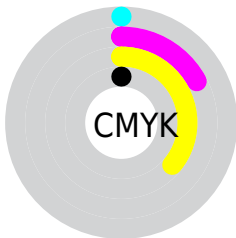
Distribution



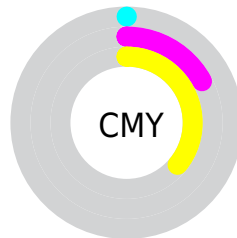
- Red (100%)
- Green (83%)
- Blue (64%)



- Red (96%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4572, 0.3829, 0.3797 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 70.4572, 0.3829, 0.3797 by changing the saturation by 10% instead.


 70.4572, 0.3829,
0.3797


 70.4572, 0.3829,
0.3797

462.1537, 0.3503,
0.3570

 51.8994, 0.3903,
0.3846


 119.8605, 0.3716,
0.3720

 36.9249, 0.3994,
0.3905


 151.4748, 0.3672,
0.3690

 25.1493, 0.4107,
0.3977


188.2100, 0.3634,
0.3663

 16.1883, 0.4253,
0.4065

230.4505, 0.3601,
0.3640

 9.6575, 0.4444,
0.4173

278.5807, 0.3572,
0.3619

 5.1725, 0.4702,
0.4303

332.9851, 0.3546,

 2.3488, 0.5323,

0.3601

0.4677

394.0479, 0.3523,
0.3585

0.7994, 0.5516,
0.4484

0.0000, 0.0000,
0.0000

70.4572, 0.3829,
0.3797

70.4572, 0.3829,
0.3797

63.8737, 0.4073,
0.3935

77.6807, 0.3606,
0.3654

57.8994, 0.4334,
0.4057

85.5541, 0.3406,
0.3511

52.5151, 0.4601,
0.4152

94.0994, 0.3229,
0.3374

47.6961, 0.4860,
0.4207

99.9951, 0.3127,
0.3290

■ 43.4151, 0.5095,
0.4210

■ 39.6402, 0.5292,
0.4157

■ 38.4089, 0.5355,
0.4130

Harmonies

Analogous

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



70.4572, 0.3883, 0.3518



70.4572, 0.3829, 0.3797



70.4572, 0.3582, 0.3962

Triad

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



70.4572, 0.3829, 0.3797



70.4572, 0.2563, 0.3336



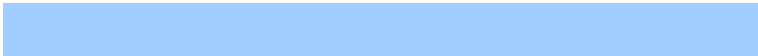
70.4572, 0.2996, 0.2735

Complementary

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



70.4572, 0.3829, 0.3797



59.0426, 0.2534, 0.2719

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.



70.4572, 0.2664, 0.2669



70.4572, 0.3829, 0.3797



70.4572, 0.2427, 0.2987

Square

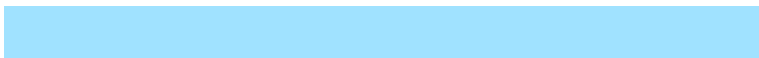
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4572, 0.3829, 0.3797



70.4572, 0.2849, 0.3697



70.4572, 0.2463, 0.2752



70.4572, 0.3385, 0.2927

Rectangle

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



70.4572, 0.3829, 0.3797



70.4572, 0.3348, 0.3968



70.4572, 0.2463, 0.2752



70.4572, 0.2875, 0.2697

Sweetspot

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



70.4605, 0.3829, 0.3797



90.1485, 0.3307, 0.3436



51.6103, 0.3584, 0.2827



19.0479, 0.3331, 0.3454



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.



70.4605, 0.3829, 0.3797



65.4457, 0.4012, 0.3902



95.0757, 0.3667, 0.4203



19.5717, 0.3281, 0.3415



20.3756, 0.5331, 0.4149



2.2028, 0.5166, 0.4280

Inverse Universe

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



59.0426, 0.2534, 0.2719



52.4627, 0.2409, 0.2576



40.9190, 0.2468, 0.2186



18.7948, 0.2979, 0.3161



11.1626, 0.1746, 0.1485



1.3036, 0.1805, 0.1697

Previews

White Background



This preview shows how the Yxy color 70.4572, 0.3829, 0.3797 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 70.4572, 0.3829, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

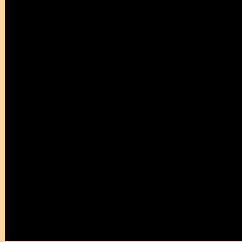
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4572, 0.3829, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 70.4572, 0.3829, 0.3797.



This preview shows how white text looks on a background with the Yxy color 70.4572, 0.3829, 0.3797.

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

70.4572, 0.3829, 0.3797

Protanopia

70.3518, 0.3618, 0.3869

Deuteranopia

70.6757, 0.3785, 0.3736



Tritanopia

70.5171, 0.3409, 0.3159

Trichromacy



Original Color

70.4572, 0.3829, 0.3797

Protanomaly

70.1585, 0.3698, 0.3836

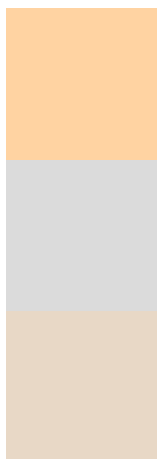
Deuteranomaly

70.6017, 0.3800, 0.3756

Tritanomaly

70.4490, 0.3565, 0.3394

Monochromacy



Original Color

70.4572, 0.3829, 0.3797

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3448, 0.3371, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4572, 0.3829, 0.3797 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, 211, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 162)  
}
```

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, 211, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 162) }
```

Border

The CSS property to change the border of an element to Yxy 70.4572, 0.3829, 0.3797 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, 211, 162) }
```

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

```
.border{ border-color:rgb(255, 211, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
162) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.4572, 0.3829, 0.3797$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 162) }
```

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

```
.background{ background-color: rgb(255,  
211, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor