

Converting Colors

$Y_{xy}(77.7190, 0.4215, 0.3856)$

Have a look what the booklet for
Yxy(77.7190, 0.4215, 0.3856)
contains.

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Color

Yxy(70.0185, 0.3925, 0.3928)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFD395 |
| RGB | 255, 211, 149 |
| RGB Percent | 100%, 83%, 58% |
| CMY | 0.0000, 0.1726, 0.4156 |
| CMYK | 0.00, 0.17, 0.42, 0.00 |
| HSL | 35°, 100%, 79% |
| HSV | 35°, 42%, 100% |
| XYZ | 69.9650, 70.0185, 38.2713 |
| YIQ | 217.0880, 46.1260, -9.9540 |

Conversions

Conversions Part 2

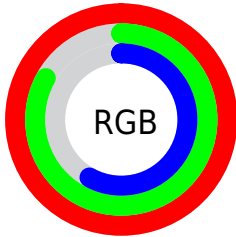
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 224, 255, 149 |
| Decimal | 16765845 |
| CIE Lab | 87.01, 7.47, 36.45 |
| CIE LCh | 87, 37.208, 78.423 |
| Yxy | 70.0185, 0.3925, 0.3928 |
| Android (android.graphics.Color) | 4294955925 (0xFFFFD395) |
| YUV | 217.0880, -33.5674, 33.2488 |
| Hunter-Lab | 83.6771, 2.8146, 31.4565 |

Details

The Yxy color **70.0185, 0.3925, 0.3928** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7641, 0.2436, 0.2546**, and the grayscale version is **69.6631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **36.7128, 0.4103, 0.4073** is the 20% darker color. If you saturate the color by 10%, you get **64.2026, 0.4161, 0.4073**, and if you desaturate by 10%, it is **76.3599, 0.3703, 0.3773**.

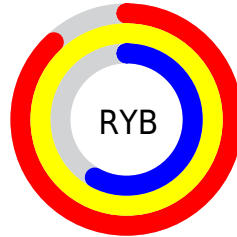
Distribution



Red (100%)

Green (83%)

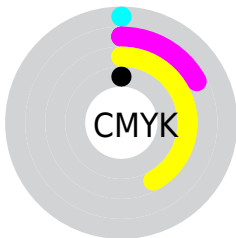
Blue (58%)



Red (88%)

Yellow (100%)

Blue (58%)

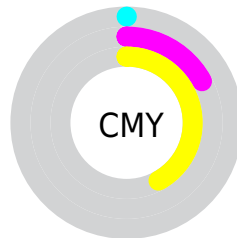


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0185, 0.3925, 0.3928 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 70.0185, 0.3925, 0.3928 by changing the saturation by 10% instead.


 70.0185, 0.3925,
0.3928


 70.0185, 0.3925,
0.3928


460.6150, 0.3557,
0.3643

 51.5416, 0.4007,
0.3989


 119.2351, 0.3798,
0.3832

 36.6398, 0.4107,
0.4062


 150.7437, 0.3749,
0.3794

 24.9288, 0.4231,
0.4149


187.3649, 0.3706,
0.3760

 16.0240, 0.4387,
0.4254

229.4832, 0.3668,
0.3731

 9.5411, 0.4584,
0.4380

277.4829, 0.3635,
0.3705

 5.0958, 0.4844,
0.4527

331.7486, 0.3606,

 2.3036, 0.5256,

0.3682

0.4744

392.6644, 0.3580,
0.3662

0.7756, 0.5431,
0.4569

0.0000, 0.0000,
0.0000

70.0185, 0.3925,
0.3928

70.0185, 0.3925,
0.3928

64.2026, 0.4161,
0.4073

76.3599, 0.3703,
0.3773

58.8928, 0.4404,
0.4195

83.2429, 0.3499,
0.3615

54.0695, 0.4642,
0.4283

90.6840, 0.3315,
0.3460

49.7105, 0.4862,
0.4325

98.6985, 0.3151,
0.3312

■ 45.7903, 0.5051,
0.4314

100.0000, 0.3127,
0.3290

■ 42.7936, 0.5184,
0.4266

Harmonies

Analogous

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



70.0185, 0.4035, 0.3609



70.0185, 0.3925, 0.3928



70.0185, 0.3598, 0.4103

Triad

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



70.0185, 0.3925, 0.3928



70.0185, 0.2422, 0.3267



70.0185, 0.3042, 0.2667

Complementary

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



70.0185, 0.3925, 0.3928



51.7641, 0.2436, 0.2546

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.



70.0185, 0.2633, 0.2562



70.0185, 0.3925, 0.3928



70.0185, 0.2297, 0.2869

Square

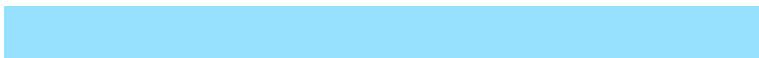
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0185, 0.3925, 0.3928



70.0185, 0.2730, 0.3714



70.0185, 0.2371, 0.2625



70.0185, 0.3505, 0.2910

Rectangle

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



70.0185, 0.3925, 0.3928



70.0185, 0.3311, 0.4089



70.0185, 0.2371, 0.2625



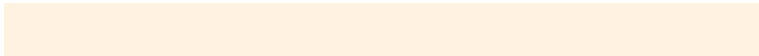
70.0185, 0.2894, 0.2615

Sweetspot

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



70.0188, 0.3925, 0.3928



90.3434, 0.3323, 0.3467



46.6216, 0.3745, 0.2833



19.1229, 0.3346, 0.3486



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.



70.0188, 0.3925, 0.3928



65.0751, 0.4124, 0.4051



93.3142, 0.3689, 0.4343



19.7523, 0.3280, 0.3429



22.6622, 0.5163, 0.4282



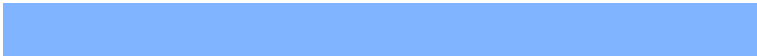
2.4223, 0.5022, 0.4394

Inverse Universe

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



51.7641, 0.2436, 0.2546



44.5905, 0.2293, 0.2362



35.9779, 0.2407, 0.2020



18.6168, 0.2979, 0.3147



9.4237, 0.1696, 0.1304



1.1271, 0.1757, 0.1526

Previews

White Background



This preview shows how the Yxy color 70.0185, 0.3925, 0.3928 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 70.0185, 0.3925, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

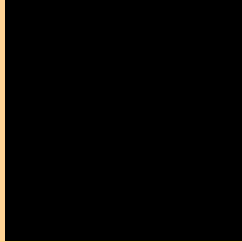
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.0185, 0.3925, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 70.0185, 0.3925, 0.3928.

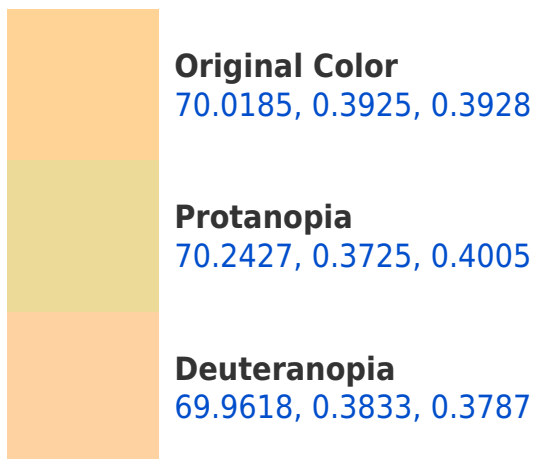


This preview shows how white text looks on a background with the Yxy color 70.0185, 0.3925, 0.3928.

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





Tritanopia

69.9846, 0.3418, 0.3159

Trichromacy



Original Color

70.0185, 0.3925, 0.3928

Protanomaly

69.8899, 0.3799, 0.3971

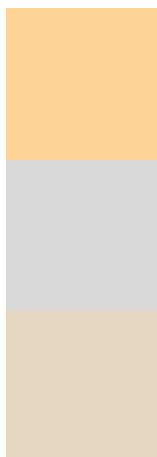
Deuteranomaly

69.7875, 0.3870, 0.3838

Tritanomaly

69.7359, 0.3605, 0.3436

Monochromacy



Original Color

70.0185, 0.3925, 0.3928

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.3956, 0.3408, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0185, 0.3925, 0.3928 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 149) }
```

Border

The CSS property to change the border of an element to Yxy 70.0185, 0.3925, 0.3928 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, 149) }
```

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

```
.border{ border-color:rgb(255, 211, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0185, 0.3925, 0.3928 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
211, 149) }
```

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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