

Converting Colors

$Y_{xy}(70.2320, 0.3713, 0.3694)$

Have a look what the booklet for
Yxy(70.2320, 0.3713, 0.3694)
contains.

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Color

Yxy(70.1149, 0.3715, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	FBD3AD
RGB	251, 211, 173
RGB Percent	98%, 83%, 68%
CMY	0.0158, 0.1725, 0.3216
CMYK	0.00, 0.16, 0.31, 0.02
HSL	29°, 91%, 83%
HSV	29°, 31%, 98%
XYZ	70.6091, 70.1149, 49.3408
YIQ	218.6280, 36.0380, -3.3380

Conversions

Conversions Part 2

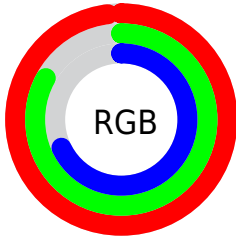
Format	Color
R _Y B	251, 247, 173
Decimal	16503725
CIE Lab	87.05, 8.64, 24.06
CIE LCh	87, 25.565, 70.236
Yxy	70.1149, 0.3715, 0.3689
Android (android.graphics.Color)	4294693805 (0xFFFBD3AD)
YUV	218.6280, -22.4946, 28.3902
Hunter-Lab	83.7346, 3.9841, 23.6775

Details

The Yxy color $70.1149, 0.3715, 0.3689$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $63.3973, 0.2629, 0.2853$, and the grayscale version is $70.7063, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $36.8075, 0.3854, 0.3789$ is the 20% darker color. If you saturate the color by 10%, you get $63.1015, 0.3956, 0.3821$, and if you desaturate by 10%, it is $77.8281, 0.3499, 0.3556$.

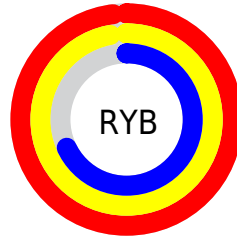
Distribution



Red (98%)

Green (83%)

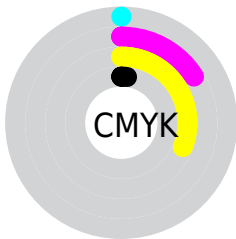
Blue (68%)



Red (98%)

Yellow (97%)

Blue (68%)

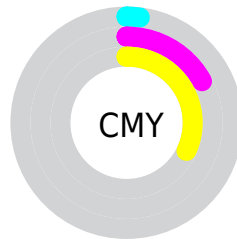


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (2%)



Cyan (2%)


Magenta (17%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1149, 0.3715, 0.3689 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 70.1149, 0.3715, 0.3689 by changing the saturation by 10% instead.


 70.1149, 0.3715,
0.3689

 70.1149, 0.3715,
0.3689

460.9533, 0.3440,
0.3509

 51.6202, 0.3778,
0.3729


 119.3726, 0.3619,
0.3628

 36.7024, 0.3856,
0.3776

150.9044, 0.3582,
0.3604

 24.9772, 0.3954,
0.3835


187.5507, 0.3550,
0.3583

 16.0601, 0.4081,
0.3909

229.6959, 0.3523,
0.3564

 9.5667, 0.4253,
0.4003

277.7243, 0.3498,
0.3548

 5.1126, 0.4492,
0.4122

332.0205, 0.3477,

 2.3135, 0.4941,

0.3534

392.9687, 0.3457,
0.3521

0.4356

0.7808, 0.5510,
0.4490

0.0000, 0.0000,
0.0000

70.1149, 0.3715,
0.3689

70.1149, 0.3715,
0.3689

63.1015, 0.3956,
0.3821

77.8281, 0.3499,
0.3556

56.7559, 0.4221,
0.3943

86.2523, 0.3309,
0.3426

51.0580, 0.4501,
0.4046

95.4105, 0.3144,
0.3303

45.9822, 0.4785,
0.4115

99.2418, 0.3102,
0.3290

■ 41.5008, 0.5055,
0.4139

■ 37.5825, 0.5293,
0.4108

■ 34.5229, 0.5471,
0.4038

Harmonies

Analogous

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



70.1149, 0.3737, 0.3456



70.1149, 0.3715, 0.3689



70.1149, 0.3531, 0.3831

Triad

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



70.1149, 0.3715, 0.3689



70.1149, 0.2684, 0.3364



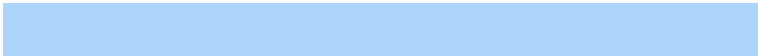
70.1149, 0.2988, 0.2818

Complementary

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



70.1149, 0.3715, 0.3689



63.3973, 0.2629, 0.2853

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.



70.1149, 0.2722, 0.2778



70.1149, 0.3715, 0.3689



70.1149, 0.2554, 0.3075

Square

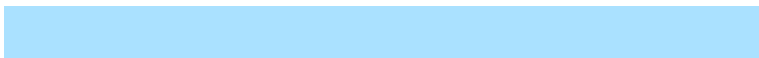
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1149, 0.3715, 0.3689



70.1149, 0.2933, 0.3647



70.1149, 0.2568, 0.2866



70.1149, 0.3305, 0.2968

Rectangle

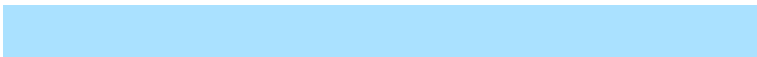
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1149, 0.3715, 0.3689



70.1149, 0.3345, 0.3844



70.1149, 0.2568, 0.2866



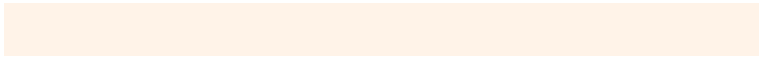
70.1149, 0.2890, 0.2791

Sweetspot

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



70.1181, 0.3715, 0.3689



91.3368, 0.3273, 0.3400



55.2029, 0.3473, 0.2872



19.2626, 0.3299, 0.3418



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.



70.1181, 0.3715, 0.3689



68.2880, 0.3856, 0.3768



91.6790, 0.3601, 0.4056



18.6230, 0.3282, 0.3406



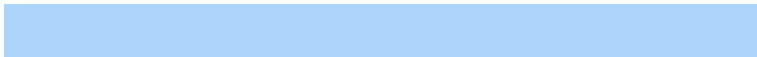
18.4426, 0.5445, 0.4059



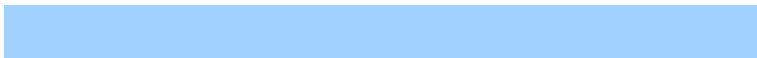
1.9196, 0.5256, 0.4209

Inverse Universe

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



63.3973, 0.2629, 0.2853



60.3506, 0.2531, 0.2754



46.2293, 0.2574, 0.2388



18.1133, 0.2980, 0.3171



12.1469, 0.1782, 0.1616



1.3373, 0.1841, 0.1828

Previews

White Background



This preview shows how the Yxy color 70.1149, 0.3715, 0.3689 looks on a white background.

Color Contrast Check

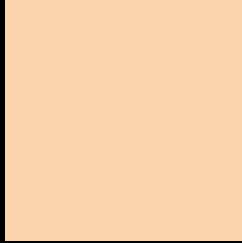
Large Text (above 18pt) WCAG AA × Fail

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 70.1149, 0.3715, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

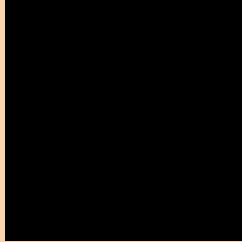
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.1149, 0.3715, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 70.1149, 0.3715, 0.3689.

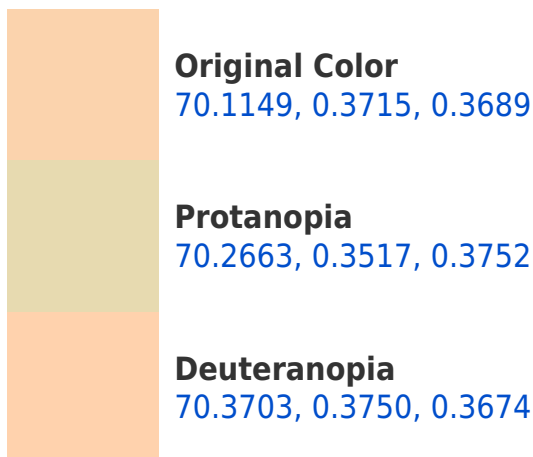


This preview shows how white text looks on a background with the Yxy color 70.1149, 0.3715, 0.3689.

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

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

70.1149, 0.3715, 0.3689

Protanomaly

69.8732, 0.3586, 0.3723

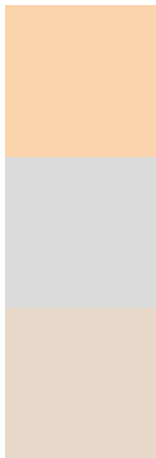
Deuteranomaly

70.1811, 0.3742, 0.3675

Tritanomaly

70.0083, 0.3521, 0.3332

Monochromacy



Original Color

70.1149, 0.3715, 0.3689

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3649, 0.3335, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1149, 0.3715, 0.3689 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(251, 211, 173)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 173)  
}
```

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(251, 211, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 173) }
```

Border

The CSS property to change the border of an element to Yxy 70.1149, 0.3715, 0.3689 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(251, 211, 173) }
```

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

```
.border{ border-color:rgb(251, 211, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 211, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 211, 173);  
box-shadow:4px 4px 4px 4px rgb(251, 211,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1149, 0.3715, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 173) }
```

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

```
.background{ background-color: rgb(251,  
211, 173) }
```

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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