

Converting Colors

$Y_{xy}(71.5705, 0.3743, 0.3637)$

Have a look what the booklet for
Yxy(71.5705, 0.3743, 0.3637)
contains.

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Color

Yxy(71.0229, 0.3717, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3B1
RGB	255, 211, 177
RGB Percent	100%, 83%, 69%
CMY	0.0000, 0.1725, 0.3060
CMYK	0.00, 0.17, 0.31, 0.00
HSL	26°, 100%, 85%
HSV	26°, 31%, 100%
XYZ	72.4656, 71.0229, 51.4687
YIQ	220.2800, 37.1380, -1.2460

Conversions

Conversions Part 2

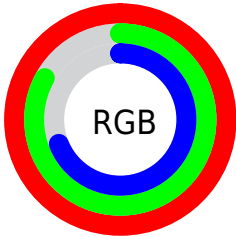
Format	Color
R _Y B	255, 237, 177
Decimal	16765873
CIE Lab	87.50, 10.67, 22.65
CIE LCh	87, 25.033, 64.772
Yxy	71.0229, 0.3717, 0.3643
Android (android.graphics.Color)	4294955953 (0xFFFFD3B1)
YUV	220.2800, -21.3370, 30.4494
Hunter-Lab	84.2751, 6.0053, 22.7828

Details

The Yxy color **71.0229, 0.3717, 0.3643** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.2510, 0.2642, 0.2907**, and the grayscale version is **71.9086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **37.1025, 0.3861, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **63.2765, 0.3968, 0.3762**, and if you desaturate by 10%, it is **79.6045, 0.3495, 0.3523**.

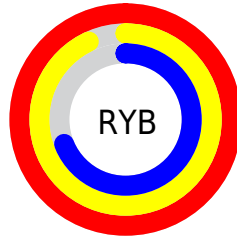
Distribution



Red (100%)

Green (83%)

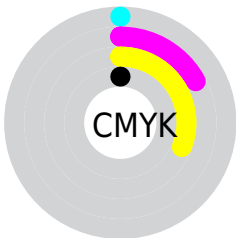
Blue (69%)



Red (100%)

Yellow (93%)

Blue (69%)

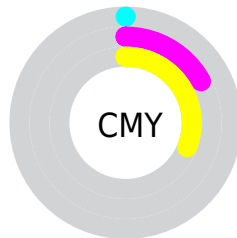


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0229, 0.3717, 0.3643 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 71.0229, 0.3717, 0.3643 by changing the saturation by 10% instead.


 71.0229, 0.3717,
0.3643

 71.0229, 0.3717,
0.3643

464.1335, 0.3441,
0.3485

 52.3609, 0.3780,
0.3677


 120.6663, 0.3621,
0.3590

 37.2928, 0.3858,
0.3719


152.4165, 0.3584,
0.3568

 25.4343, 0.3957,
0.3769


189.2983, 0.3552,
0.3550

 16.4009, 0.4085,
0.3832

231.6959, 0.3524,
0.3534

 9.8083, 0.4259,
0.3912

279.9938, 0.3500,
0.3520

 5.2720, 0.4502,
0.4012

334.5765, 0.3478,

 2.4077, 0.4914,

0.3507

0.4174

395.8282, 0.3459,
0.3496

0.8299, 0.5624,
0.4376

0.0000, 0.0000,
0.0000

71.0229, 0.3717,
0.3643

71.0229, 0.3717,
0.3643

63.2765, 0.3968,
0.3762

79.6045, 0.3495,
0.3523

56.3283, 0.4248,
0.3872

89.0372, 0.3303,
0.3406

50.1525, 0.4548,
0.3964

99.3490, 0.3136,
0.3296

44.7179, 0.4857,
0.4024

99.9986, 0.3127,
0.3290

■ 39.9907, 0.5155,
0.4038

■ 35.9329, 0.5420,
0.3998

■ 32.6826, 0.5625,
0.3916

Harmonies

Analogous

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



71.0229, 0.3706, 0.3406



71.0229, 0.3717, 0.3643



71.0229, 0.3563, 0.3802

Triad

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



71.0229, 0.3717, 0.3643



71.0229, 0.2732, 0.3416



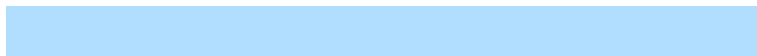
71.0229, 0.2939, 0.2813

Complementary

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



71.0229, 0.3717, 0.3643



68.2510, 0.2642, 0.2907

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.



71.0229, 0.2695, 0.2796



71.0229, 0.3717, 0.3643



71.0229, 0.2581, 0.3128

Square

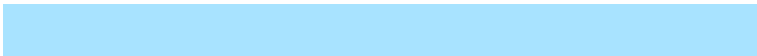
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0229, 0.3717, 0.3643



71.0229, 0.2991, 0.3679



71.0229, 0.2568, 0.2905



71.0229, 0.3244, 0.2942

Rectangle

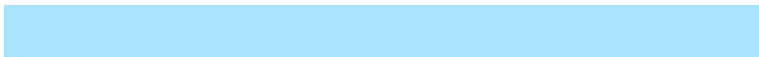
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0229, 0.3717, 0.3643



71.0229, 0.3393, 0.3834



71.0229, 0.2568, 0.2905



71.0229, 0.2847, 0.2794

Sweetspot

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



71.0262, 0.3717, 0.3643



90.6308, 0.3274, 0.3388



57.9219, 0.3433, 0.2840



19.0890, 0.3300, 0.3405



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.



71.0262, 0.3717, 0.3643



65.9750, 0.3874, 0.3720



92.6732, 0.3605, 0.4011



19.2909, 0.3283, 0.3394



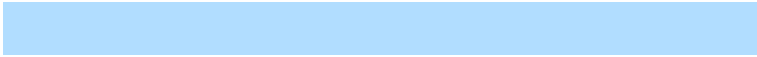
17.3631, 0.5597, 0.3938



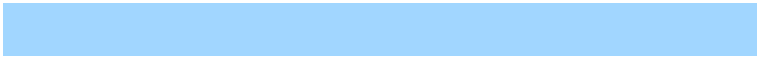
1.9033, 0.5399, 0.4095

Inverse Universe

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



68.2510, 0.2642, 0.2907



62.7706, 0.2540, 0.2812



50.0901, 0.2589, 0.2449



19.0769, 0.2979, 0.3184



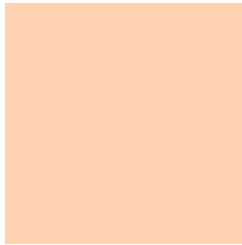
14.4573, 0.1831, 0.1792



1.6252, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 71.0229, 0.3717, 0.3643 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 71.0229, 0.3717, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

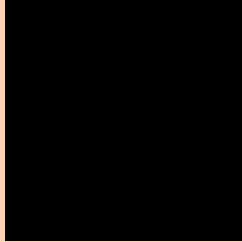
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0229, 0.3717, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 71.0229, 0.3717, 0.3643.



This preview shows how white text looks on a background with the Yxy color 71.0229, 0.3717, 0.3643.

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

71.0229, 0.3717, 0.3643

Protanopia

71.1550, 0.3487, 0.3705

Deuteranopia

71.0229, 0.3717, 0.3643



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.0229, 0.3717, 0.3643

Protanomaly

70.9323, 0.3563, 0.3677

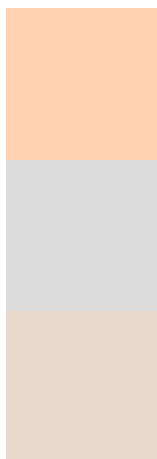
Deuteranomaly

71.0229, 0.3717, 0.3643

Tritanomaly

70.7795, 0.3511, 0.3322

Monochromacy



Original Color

71.0229, 0.3717, 0.3643

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3090, 0.3335, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0229, 0.3717, 0.3643 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 177) }
```

Border

The CSS property to change the border of an element to Yxy 71.0229, 0.3717, 0.3643 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, 177) }
```

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

```
.border{ border-color:rgb(255, 211, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0229, 0.3717, 0.3643 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
211, 177) }
```

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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