

Converting Colors

$Yxy(71.0088, 0.3698, 0.3651)$

Have a look what the booklet for
Yxy(71.0088, 0.3698, 0.3651)
contains.

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Color

Yxy(71.1439, 0.3698, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	FDD4B1
RGB	253, 212, 177
RGB Percent	99%, 83%, 69%
CMY	0.0079, 0.1686, 0.3060
CMYK	0.00, 0.16, 0.30, 0.01
HSL	28°, 95%, 84%
HSV	28°, 30%, 99%
XYZ	71.9809, 71.1439, 51.5234
YIQ	220.2690, 35.6710, -2.1930

Conversions

Conversions Part 2

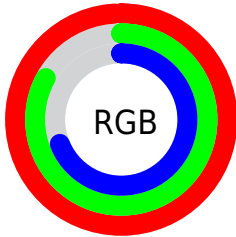
Format	Color
R _Y B	253, 242, 177
Decimal	16635057
CIE Lab	87.55, 9.40, 22.69
CIE LCh	88, 24.560, 67.507
Yxy	71.1439, 0.3698, 0.3655
Android (android.graphics.Color)	4294825137 (0xFFFD4B1)
YUV	220.2690, -21.3316, 28.7051
Hunter-Lab	84.3468, 4.7234, 22.8254

Details

The Yxy color **71.1439, 0.3698, 0.3655** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.5528, 0.2648, 0.2893**, and the grayscale version is **71.9011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **37.1713, 0.3835, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **63.6970, 0.3942, 0.3781**, and if you desaturate by 10%, it is **79.3603, 0.3481, 0.3529**.

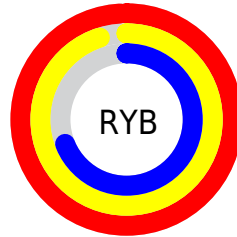
Distribution



Red (99%)

Green (83%)

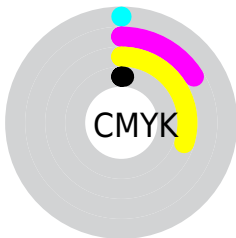
Blue (69%)



Red (99%)

Yellow (95%)

Blue (69%)

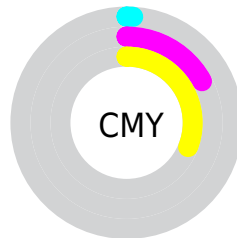


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (1%)



Cyan (1%)


Magenta (17%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1439, 0.3698, 0.3655 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 71.1439, 0.3698, 0.3655 by changing the saturation by 10% instead.


 71.1439, 0.3698,
0.3655

 71.1439, 0.3698,
0.3655


464.5563, 0.3432,
0.3491

 52.4596, 0.3759,
0.3691


 120.8386, 0.3605,
0.3599

 37.3716, 0.3834,
0.3734


152.6178, 0.3569,
0.3577

 25.4953, 0.3930,
0.3788


189.5308, 0.3538,
0.3558

 16.4465, 0.4053,
0.3854

231.9620, 0.3511,
0.3541

 9.8406, 0.4220,
0.3939

280.2957, 0.3488,
0.3527

 5.2934, 0.4454,
0.4048

334.9164, 0.3467,

 2.4204, 0.4850,

0.3513

0.4225

396.2085, 0.3448,
0.3502

0.8364, 0.5537,
0.4463

0.0000, 0.0000,
0.0000

71.1439, 0.3698,
0.3655

71.1439, 0.3698,
0.3655

63.6970, 0.3942,
0.3781

79.3603, 0.3481,
0.3529

56.9851, 0.4213,
0.3898

88.3595, 0.3292,
0.3406

50.9855, 0.4502,
0.3997

98.1670, 0.3128,
0.3290

45.6703, 0.4799,
0.4064

99.6193, 0.3115,
0.3290

■ 41.0087, 0.5086,
0.4087

■ 36.9668, 0.5341,
0.4055

■ 33.5116, 0.5552,
0.3974

Harmonies

Analogous

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



71.1439, 0.3703, 0.3427



71.1439, 0.3698, 0.3655



71.1439, 0.3535, 0.3800

Triad

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



71.1439, 0.3698, 0.3655



71.1439, 0.2721, 0.3388



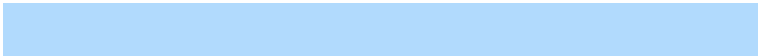
71.1439, 0.2968, 0.2829

Complementary

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



71.1439, 0.3698, 0.3655



66.5528, 0.2648, 0.2893

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.



71.1439, 0.2721, 0.2802



71.1439, 0.3698, 0.3655



71.1439, 0.2584, 0.3108

Square

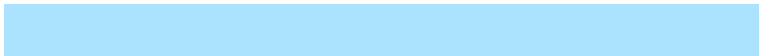
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1439, 0.3698, 0.3655



71.1439, 0.2968, 0.3652



71.1439, 0.2584, 0.2898



71.1439, 0.3270, 0.2965

Rectangle

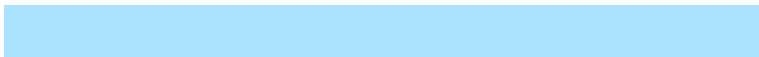
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1439, 0.3698, 0.3655



71.1439, 0.3362, 0.3821



71.1439, 0.2584, 0.2898



71.1439, 0.2876, 0.2807

Sweetspot

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



71.1472, 0.3698, 0.3655



90.9682, 0.3274, 0.3394



57.4198, 0.3437, 0.2861



19.1720, 0.3299, 0.3411



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.



71.1472, 0.3698, 0.3655



67.8210, 0.3841, 0.3731



91.9170, 0.3593, 0.4009



19.3669, 0.3283, 0.3400



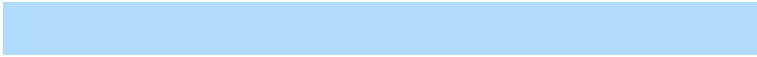
18.1140, 0.5525, 0.3995



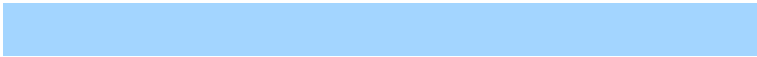
1.9794, 0.5335, 0.4146

Inverse Universe

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



66.5528, 0.2648, 0.2893



62.4578, 0.2552, 0.2800



49.3952, 0.2598, 0.2452



18.9999, 0.2979, 0.3178



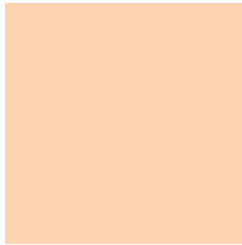
13.4917, 0.1807, 0.1706



1.5323, 0.1861, 0.1900

Previews

White Background



This preview shows how the Yxy color 71.1439, 0.3698, 0.3655 looks on a white background.

Color Contrast Check

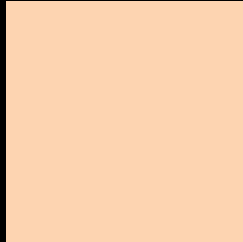
Large Text (above 18pt) WCAG AA × Fail

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 71.1439, 0.3698, 0.3655 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 71.1439, 0.3698, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 71.1439, 0.3698, 0.3655.



This preview shows how white text looks on a background with the Yxy color 71.1439, 0.3698, 0.3655.

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

71.1439, 0.3698, 0.3655

Protanopia

71.1141, 0.3494, 0.3717

Deuteranopia

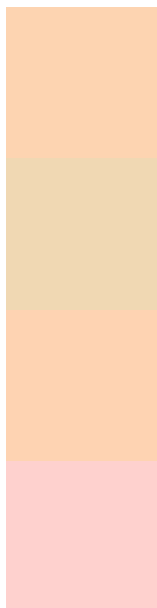
71.0629, 0.3709, 0.3632



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

71.1439, 0.3698, 0.3655

Protanomaly

70.8917, 0.3570, 0.3688

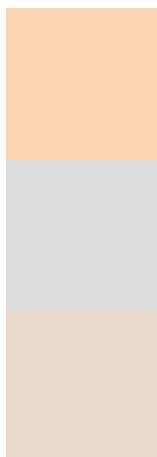
Deuteranomaly

70.8737, 0.3701, 0.3633

Tritanomaly

71.1280, 0.3494, 0.3322

Monochromacy



Original Color

71.1439, 0.3698, 0.3655

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1411, 0.3327, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1439, 0.3698, 0.3655 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(253, 212, 177)` looks like.

```
.text, #text, p{  
    color:rgb(253, 212, 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(253, 212, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 212, 177) }
```

Border

The CSS property to change the border of an element to Yxy 71.1439, 0.3698, 0.3655 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(253, 212, 177) }
```

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

```
.border{ border-color:rgb(253, 212, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 212, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 212, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 212, 177);  
box-shadow:4px 4px 4px 4px rgb(253, 212,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1439, 0.3698, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 212, 177) }
```

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

```
.background{ background-color: rgb(253,  
212, 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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