

Converting Colors

$Y_{xy}(71.2950, 0.3733, 0.3688)$

Have a look what the booklet for
Yxy(71.2950, 0.3733, 0.3688)
contains.

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Color

Yxy(71.2138, 0.3728, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	FED4AE
RGB	254, 212, 174
RGB Percent	100%, 83%, 68%
CMY	0.0041, 0.1685, 0.3176
CMYK	0.00, 0.17, 0.31, 0.00
HSL	29°, 97%, 84%
HSV	29°, 31%, 100%
XYZ	72.0448, 71.2138, 49.9946
YIQ	220.2260, 37.2300, -2.9140

Conversions

Conversions Part 2

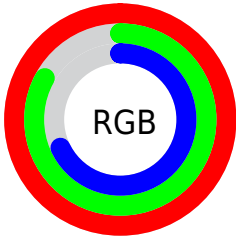
Format	Color
R _Y B	254, 246, 174
Decimal	16700590
CIE Lab	87.59, 9.38, 24.31
CIE LCh	88, 26.055, 68.889
Yxy	71.2138, 0.3728, 0.3685
Android (android.graphics.Color)	4294890670 (0xFF FED4AE)
YUV	220.2260, -22.7894, 29.6198
Hunter-Lab	84.3883, 4.7113, 23.9463

Details

The Yxy color **71.2138, 0.3728, 0.3685** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2324, 0.2623, 0.2858**, and the grayscale version is **71.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **37.2302, 0.3875, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **63.9304, 0.3973, 0.3814**, and if you desaturate by 10%, it is **79.2405, 0.3509, 0.3555**.

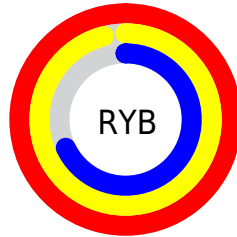
Distribution



Red (100%)

Green (83%)

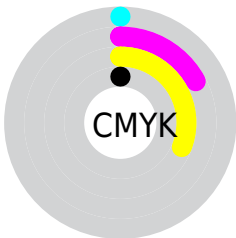
Blue (68%)



Red (100%)

Yellow (96%)

Blue (68%)

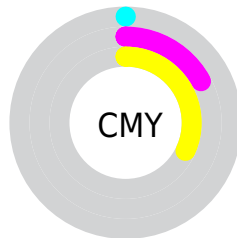


Cyan (0%)

Magenta (17%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2138, 0.3728, 0.3685 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 71.2138, 0.3728, 0.3685 by changing the saturation by 10% instead.


 71.2138, 0.3728,
0.3685

 71.2138, 0.3728,
0.3685


464.8005, 0.3448,
0.3508

 52.5167, 0.3792,
0.3724


 120.9381, 0.3631,
0.3625

 37.4171, 0.3871,
0.3770


152.7341, 0.3593,
0.3601

 25.5306, 0.3971,
0.3828


189.6651, 0.3560,
0.3580

 16.4728, 0.4100,
0.3899

232.1157, 0.3532,
0.3562

 9.8593, 0.4273,
0.3989

280.4701, 0.3507,
0.3546

 5.3058, 0.4514,
0.4103

335.1128, 0.3485,

 2.4278, 0.4944,

0.3532

0.4309

396.4281, 0.3465,
0.3519

0.8401, 0.5535,
0.4465

0.0000, 0.0000,
0.0000

71.2138, 0.3728,
0.3685

71.2138, 0.3728,
0.3685

63.9304, 0.3973,
0.3814

79.2405, 0.3509,
0.3555

57.3565, 0.4242,
0.3933

88.0230, 0.3317,
0.3428

51.4703, 0.4528,
0.4031

97.5861, 0.3150,
0.3307

46.2443, 0.4818,
0.4096

99.8025, 0.3121,
0.3290

■ 41.6487, 0.5094,
0.4115

■ 37.6500, 0.5336,
0.4078

■ 34.6788, 0.5509,
0.4008

Harmonies

Analogous

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



71.2138, 0.3742, 0.3446



71.2138, 0.3728, 0.3685



71.2138, 0.3547, 0.3835

Triad

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



71.2138, 0.3728, 0.3685



71.2138, 0.2688, 0.3379



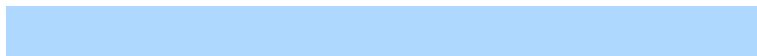
71.2138, 0.2972, 0.2807

Complementary

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



71.2138, 0.3728, 0.3685



65.2324, 0.2623, 0.2858

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.



71.2138, 0.2707, 0.2772



71.2138, 0.3728, 0.3685



71.2138, 0.2549, 0.3084

Square

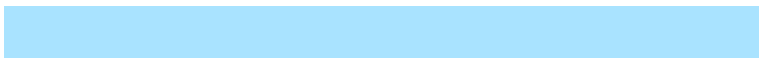
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2138, 0.3728, 0.3685



71.2138, 0.2944, 0.3664



71.2138, 0.2556, 0.2867



71.2138, 0.3293, 0.2955

Rectangle

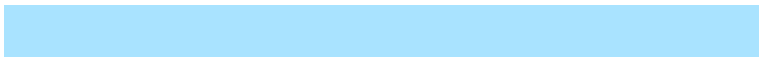
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2138, 0.3728, 0.3685



71.2138, 0.3362, 0.3854



71.2138, 0.2556, 0.2867



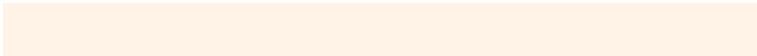
71.2138, 0.2874, 0.2782

Sweetspot

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



71.2171, 0.3728, 0.3685



91.1681, 0.3274, 0.3397



56.3280, 0.3468, 0.2853



19.2211, 0.3299, 0.3415



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.



71.2171, 0.3728, 0.3685



67.0021, 0.3885, 0.3770



93.2950, 0.3612, 0.4055



19.4119, 0.3282, 0.3403



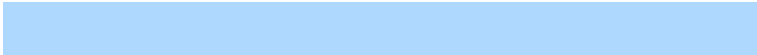
18.5810, 0.5482, 0.4029



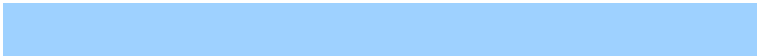
2.0261, 0.5297, 0.4176

Inverse Universe

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



65.2324, 0.2623, 0.2858



60.0623, 0.2517, 0.2751



47.4664, 0.2567, 0.2389



18.9545, 0.2979, 0.3174



12.9462, 0.1794, 0.1656



1.4794, 0.1849, 0.1855

Previews

White Background



This preview shows how the Yxy color 71.2138, 0.3728, 0.3685 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 71.2138, 0.3728, 0.3685 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 71.2138, 0.3728, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 71.2138, 0.3728, 0.3685.



This preview shows how white text looks on a background with the Yxy color 71.2138, 0.3728, 0.3685.

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

71.2138, 0.3728, 0.3685

Protanopia

71.1610, 0.3523, 0.3749

Deuteranopia

70.9831, 0.3724, 0.3653



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.2138, 0.3728, 0.3685

Protanomaly

70.9471, 0.3600, 0.3719

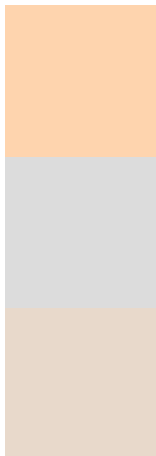
Deuteranomaly

70.9437, 0.3732, 0.3663

Tritanomaly

71.2206, 0.3517, 0.3342

Monochromacy



Original Color

71.2138, 0.3728, 0.3685

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0933, 0.3334, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2138, 0.3728, 0.3685 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(254, 212, 174)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 174)  
}
```

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(254, 212, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 174) }
```

Border

The CSS property to change the border of an element to Yxy 71.2138, 0.3728, 0.3685 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(254, 212, 174) }
```

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

```
.border{ border-color:rgb(254, 212, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 174);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2138, 0.3728, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 174) }
```

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

```
.background{ background-color: rgb(254,  
212, 174) }
```

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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