

Converting Colors

$Y_{xy}(71.8204, 0.3758, 0.3730)$

Have a look what the booklet for
Yxy(71.8204, 0.3758, 0.3730)
contains.

Yxy(71.7888, 0.3756, 0.3725)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.7888, 0.3756, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5AB
RGB	255, 213, 171
RGB Percent	100%, 84%, 67%
CMY	0.0000, 0.1647, 0.3296
CMYK	0.00, 0.16, 0.33, 0.00
HSL	30°, 100%, 84%
HSV	30°, 33%, 100%
XYZ	72.3862, 71.7888, 48.5466
YIQ	220.7700, 38.5140, -4.1580

Conversions

Conversions Part 2

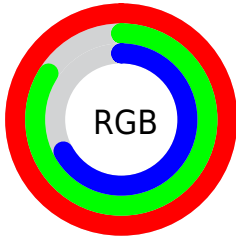
Format	Color
R _Y B	255, 255, 171
Decimal	16766379
CIE Lab	87.87, 8.91, 26.29
CIE LCh	88, 27.758, 71.288
Yxy	71.7888, 0.3756, 0.3725
Android (android.graphics.Color)	4294956459 (0xFFFFD5AB)
YUV	220.7700, -24.5366, 30.0197
Hunter-Lab	84.7283, 4.2241, 25.3385

Details

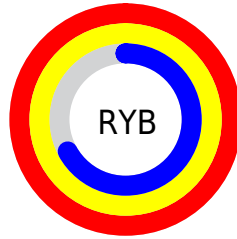
The Yxy color **71.7888, 0.3756, 0.3725** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.4376, 0.2596, 0.2809**, and the grayscale version is **72.2886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **37.6320, 0.3910, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **64.7480, 0.3999, 0.3859**, and if you desaturate by 10%, it is **79.5208, 0.3537, 0.3588**.

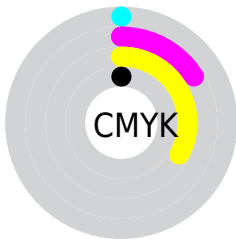
Distribution



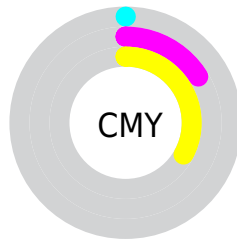
- Red (100%)
- Green (84%)
- Blue (67%)



- Red (100%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7888, 0.3756, 0.3725 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 71.7888, 0.3756, 0.3725 by changing the saturation by 10% instead.


 71.7888, 0.3756,
0.3725

 71.7888, 0.3756,
0.3725


466.8062, 0.3464,
0.3530

 52.9862, 0.3822,
0.3767


 121.7562, 0.3655,
0.3659

 37.7917, 0.3904,
0.3819


153.6898, 0.3615,
0.3633

 25.8211, 0.4007,
0.3881


190.7691, 0.3581,
0.3610

 16.6898, 0.4140,
0.3959

233.3786, 0.3552,
0.3590

 10.0136, 0.4316,
0.4056

281.9027, 0.3526,
0.3573

 5.4080, 0.4559,
0.4178

336.7257, 0.3503,

 2.4886, 0.5019,

0.3557

0.4421

398.2321, 0.3482,
0.3543

0.8709, 0.5494,
0.4506

0.0000, 0.0000,
0.0000

71.7888, 0.3756,
0.3725

71.7888, 0.3756,
0.3725

64.7480, 0.3999,
0.3859

79.5208, 0.3537,
0.3588

58.3762, 0.4263,
0.3982

87.9652, 0.3343,
0.3454

52.6494, 0.4540,
0.4082

97.1419, 0.3173,
0.3326

47.5418, 0.4817,
0.4146

100.0000, 0.3127,
0.3290

■ 43.0252, 0.5077,
0.4162

■ 39.0671, 0.5301,
0.4123

■ 36.5882, 0.5435,
0.4066

Harmonies

Analogous

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



71.7888, 0.3787, 0.3475



71.7888, 0.3756, 0.3725



71.7888, 0.3551, 0.3876

Triad

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



71.7888, 0.3756, 0.3725



71.7888, 0.2644, 0.3358



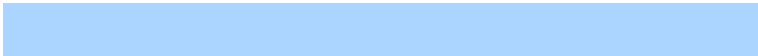
71.7888, 0.2988, 0.2788

Complementary

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



71.7888, 0.3756, 0.3725



63.4376, 0.2596, 0.2809

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.



71.7888, 0.2700, 0.2740



71.7888, 0.3756, 0.3725



71.7888, 0.2510, 0.3047

Square

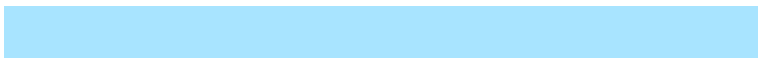
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7888, 0.3756, 0.3725



71.7888, 0.2907, 0.3667



71.7888, 0.2530, 0.2827



71.7888, 0.3330, 0.2952

Rectangle

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



71.7888, 0.3756, 0.3725



71.7888, 0.3349, 0.3887



71.7888, 0.2530, 0.2827



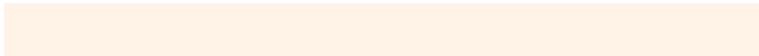
71.7888, 0.2882, 0.2757

Sweetspot

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



71.7888, 0.3756, 0.3725



90.6029, 0.3290, 0.3416



55.1721, 0.3513, 0.2859



19.1228, 0.3315, 0.3434



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.



71.7888, 0.3756, 0.3725



66.7603, 0.3925, 0.3820



95.7186, 0.3626, 0.4115



19.4887, 0.3282, 0.3409



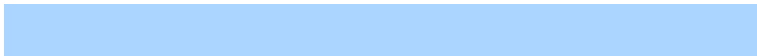
19.4168, 0.5410, 0.4087



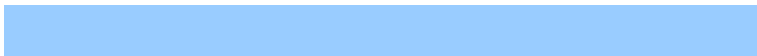
2.1090, 0.5234, 0.4226

Inverse Universe

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



63.4376, 0.2596, 0.2809



57.1634, 0.2480, 0.2686



44.9821, 0.2532, 0.2306



18.8775, 0.2979, 0.3168



12.0596, 0.1770, 0.1573



1.3926, 0.1827, 0.1778

Previews

White Background



This preview shows how the Yxy color 71.7888, 0.3756, 0.3725 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 71.7888, 0.3756, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

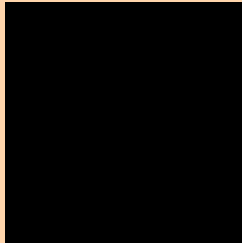
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7888, 0.3756, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 71.7888, 0.3756, 0.3725.



This preview shows how white text looks on a background with the Yxy color 71.7888, 0.3756, 0.3725.

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

71.7888, 0.3756, 0.3725

Protanopia

71.9046, 0.3557, 0.3789

Deuteranopia

72.0228, 0.3711, 0.3663



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.7888, 0.3756, 0.3725

Protanomaly

71.5201, 0.3626, 0.3760

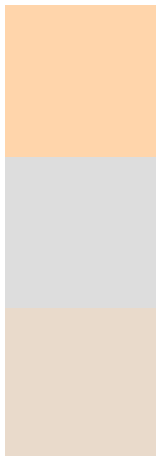
Deuteranomaly

71.9436, 0.3726, 0.3683

Tritanomaly

71.6650, 0.3522, 0.3363

Monochromacy



Original Color

71.7888, 0.3756, 0.3725

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7782, 0.3340, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7888, 0.3756, 0.3725 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, 213, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 171)  
}
```

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, 213, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 171) }
```

Border

The CSS property to change the border of an element to Yxy 71.7888, 0.3756, 0.3725 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, 213, 171) }
```

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

```
.border{ border-color:rgb(255, 213, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7888, 0.3756, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 171) }
```

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

```
.background{ background-color: rgb(255,  
213, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor