

Converting Colors

$Yxy(97.1636, 0.4547, 0.3647)$

Have a look what the booklet for
Yxy(97.1636, 0.4547, 0.3647)
contains.

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Color

Yxy(71.5651, 0.3800, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A5
RGB	255, 213, 165
RGB Percent	100%, 84%, 65%
CMY	0.0000, 0.1647, 0.3529
CMYK	0.00, 0.16, 0.35, 0.00
HSL	32°, 100%, 82%
HSV	32°, 35%, 100%
XYZ	71.8297, 71.5651, 45.6308
YIQ	220.0860, 40.4400, -6.0240

Conversions

Conversions Part 2

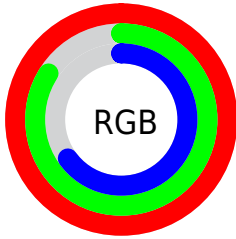
Format	Color
R _Y B	244, 255, 165
Decimal	16766373
CIE Lab	87.76, 8.20, 29.23
CIE LCh	88, 30.354, 74.332
Yxy	71.5651, 0.3800, 0.3786
Android (android.graphics.Color)	4294956453 (0xFFFFD5A5)
YUV	220.0860, -27.1574, 30.6196
Hunter-Lab	84.5962, 3.5193, 27.2366

Details

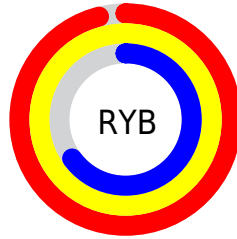
The Yxy color **71.5651, 0.3800, 0.3786** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.8527, 0.2552, 0.2734**, and the grayscale version is **71.8062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **37.5163, 0.3958, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **64.9590, 0.4040, 0.3926**, and if you desaturate by 10%, it is **78.7981, 0.3580, 0.3641**.

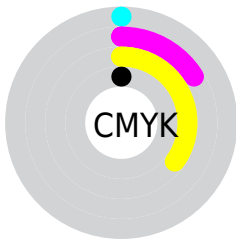
Distribution



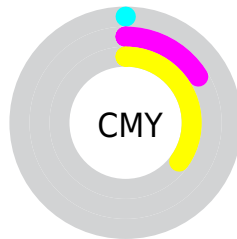
- Red (100%)
- Green (84%)
- Blue (65%)



- Red (96%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5651, 0.3800, 0.3786 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 71.5651, 0.3800, 0.3786 by changing the saturation by 10% instead.


 71.5651, 0.3800,
0.3786


 71.5651, 0.3800,
0.3786


466.0265, 0.3488,
0.3564

 52.8035, 0.3871,
0.3834


 121.4380, 0.3692,
0.3711

 37.6459, 0.3957,
0.3892


 153.3181, 0.3650,
0.3681

 25.7080, 0.4066,
0.3963


190.3398, 0.3614,
0.3655

 16.6053, 0.4205,
0.4050

232.8875, 0.3582,
0.3632

 9.9535, 0.4388,
0.4159

281.3457, 0.3554,
0.3612

 5.3681, 0.4634,
0.4291

336.0986, 0.3530,

 2.4648, 0.5187,

0.3594

0.4630

397.5307, 0.3508,
0.3578

0.8590, 0.5450,
0.4550

0.0000, 0.0000,
0.0000

71.5651, 0.3800,
0.3786

71.5651, 0.3800,
0.3786

64.9590, 0.4040,
0.3926

78.7981, 0.3580,
0.3641

58.9558, 0.4297,
0.4052

86.6737, 0.3384,
0.3497

53.5348, 0.4561,
0.4153

95.2113, 0.3210,
0.3360

48.6721, 0.4819,
0.4214

100.0000, 0.3127,
0.3290

■ 44.3413, 0.5055,
0.4225

■ 40.5115, 0.5254,
0.4180

■ 38.8641, 0.5337,
0.4145

Harmonies

Analogous

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



71.5651, 0.3856, 0.3519



71.5651, 0.3800, 0.3786



71.5651, 0.3558, 0.3939

Triad

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



71.5651, 0.3800, 0.3786



71.5651, 0.2577, 0.3326



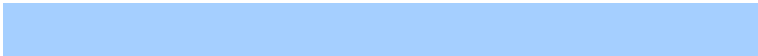
71.5651, 0.3011, 0.2757

Complementary

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



71.5651, 0.3800, 0.3786



59.8527, 0.2552, 0.2734

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.



71.5651, 0.2687, 0.2690



71.5651, 0.3800, 0.3786



71.5651, 0.2449, 0.2992

Square

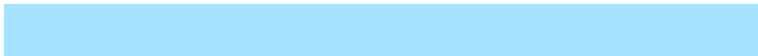
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5651, 0.3800, 0.3786



71.5651, 0.2851, 0.3674



71.5651, 0.2488, 0.2767



71.5651, 0.3385, 0.2946

Rectangle

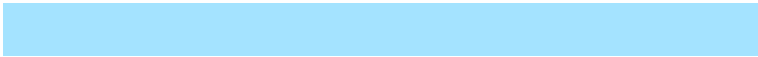
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5651, 0.3800, 0.3786



71.5651, 0.3332, 0.3941



71.5651, 0.2488, 0.2767



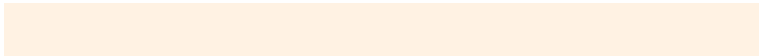
71.5651, 0.2893, 0.2719

Sweetspot

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



71.5663, 0.3800, 0.3786



90.2530, 0.3307, 0.3437



52.7545, 0.3564, 0.2842



19.0728, 0.3331, 0.3456



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.



71.5663, 0.3800, 0.3786



67.0641, 0.3959, 0.3881



95.2138, 0.3650, 0.4175



19.5912, 0.3281, 0.3417



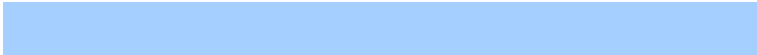
20.6093, 0.5313, 0.4163



2.2255, 0.5150, 0.4293

Inverse Universe

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



59.8527, 0.2552, 0.2734



53.8428, 0.2440, 0.2606



42.2980, 0.2493, 0.2227



18.7754, 0.2979, 0.3160



10.9609, 0.1740, 0.1464



1.2835, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 71.5651, 0.3800, 0.3786 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 71.5651, 0.3800, 0.3786 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 71.5651, 0.3800, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 71.5651, 0.3800, 0.3786.



This preview shows how white text looks on a background with the Yxy color 71.5651, 0.3800, 0.3786.

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

71.5651, 0.3800, 0.3786

Protanopia

71.6757, 0.3599, 0.3855

Deuteranopia

71.3641, 0.3744, 0.3694



Tritanopia

71.5922, 0.3391, 0.3159

Trichromacy



Original Color

71.5651, 0.3800, 0.3786

Protanomaly

71.2930, 0.3670, 0.3824

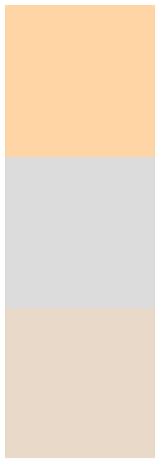
Deuteranomaly

71.2492, 0.3766, 0.3725

Tritanomaly

71.5702, 0.3538, 0.3383

Monochromacy



Original Color

71.5651, 0.3800, 0.3786

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.1195, 0.3363, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5651, 0.3800, 0.3786 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 165) }
```

Border

The CSS property to change the border of an element to Yxy 71.5651, 0.3800, 0.3786 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, 165) }
```

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

```
.border{ border-color:rgb(255, 213, 165) }
```

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, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5651, 0.3800, 0.3786 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, 165) }
```

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

```
.background{ background-color: rgb(255,  
213, 165) }
```

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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