

Converting Colors

$Yxy(77.4237, 0.3982, 0.3674)$

Have a look what the booklet for
Yxy(77.4237, 0.3982, 0.3674)
contains.

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Color

Yxy(71.3255, 0.3751, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4AC
RGB	255, 212, 172
RGB Percent	100%, 83%, 67%
CMY	0.0000, 0.1686, 0.3253
CMYK	0.00, 0.17, 0.33, 0.00
HSL	29°, 100%, 84%
HSV	29°, 33%, 100%
XYZ	72.2305, 71.3255, 49.0074
YIQ	220.2970, 38.4680, -3.3240

Conversions

Conversions Part 2

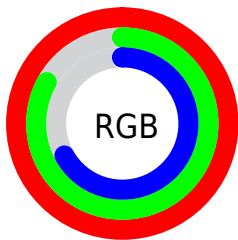
Format	Color
R _Y B	255, 249, 172
Decimal	16766124
CIE Lab	87.64, 9.54, 25.42
CIE LCh	88, 27.154, 69.426
Yxy	71.3255, 0.3751, 0.3704
Android (android.graphics.Color)	4294956204 (0xFFFFD4AC)
YUV	220.2970, -23.8104, 30.4345
Hunter-Lab	84.4544, 4.8688, 24.7132

Details

The Yxy color **71.3255, 0.3751, 0.3704** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6069, 0.2605, 0.2835**, and the grayscale version is **71.9411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **37.3162, 0.3905, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **64.1025, 0.3998, 0.3834**, and if you desaturate by 10%, it is **79.2838, 0.3530, 0.3572**.

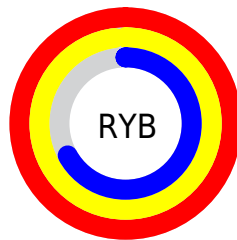
Distribution



Red (100%)

Green (83%)

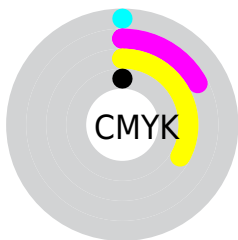
Blue (67%)



Red (100%)

Yellow (98%)

Blue (67%)

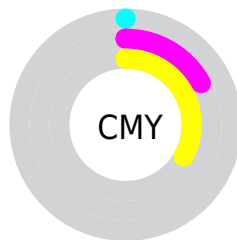


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3255, 0.3751, 0.3704 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 71.3255, 0.3751, 0.3704 by changing the saturation by 10% instead.


 71.3255, 0.3751,
0.3704

 71.3255, 0.3751,
0.3704


465.1905, 0.3460,
0.3519

 52.6079, 0.3817,
0.3744


 121.0971, 0.3650,
0.3641

 37.4898, 0.3899,
0.3793


152.9198, 0.3611,
0.3616

 25.5870, 0.4002,
0.3852


189.8797, 0.3577,
0.3595

 16.5149, 0.4135,
0.3926

232.3612, 0.3548,
0.3576

 9.8892, 0.4313,
0.4019

280.7486, 0.3522,
0.3559

 5.3256, 0.4559,
0.4134

335.4264, 0.3499,

 2.4395, 0.5016,

0.3544

0.4359

396.7789, 0.3479,
0.3531

0.8461, 0.5544,
0.4456

0.0000, 0.0000,
0.0000

71.3255, 0.3751,
0.3704

71.3255, 0.3751,
0.3704

64.1025, 0.3998,
0.3834

79.2838, 0.3530,
0.3572

57.5812, 0.4267,
0.3953

87.9897, 0.3336,
0.3443

51.7396, 0.4551,
0.4050

97.4680, 0.3166,
0.3320

46.5505, 0.4837,
0.4112

99.9987, 0.3127,
0.3290

■ 41.9839, 0.5107,
0.4126

■ 38.0062, 0.5342,
0.4085

■ 35.3900, 0.5490,
0.4023

Harmonies

Analogous

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



71.3255, 0.3769, 0.3456



71.3255, 0.3751, 0.3704



71.3255, 0.3560, 0.3859

Triad

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



71.3255, 0.3751, 0.3704



71.3255, 0.2666, 0.3376



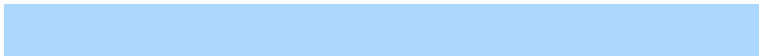
71.3255, 0.2971, 0.2790

Complementary

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



71.3255, 0.3751, 0.3704



64.6069, 0.2605, 0.2835

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.



71.3255, 0.2694, 0.2751



71.3255, 0.3751, 0.3704



71.3255, 0.2525, 0.3069

Square

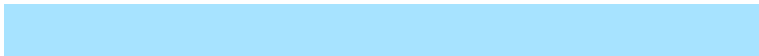
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3255, 0.3751, 0.3704



71.3255, 0.2930, 0.3675



71.3255, 0.2535, 0.2846



71.3255, 0.3305, 0.2946

Rectangle

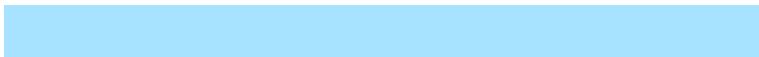
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3255, 0.3751, 0.3704



71.3255, 0.3365, 0.3877



71.3255, 0.2535, 0.2846



71.3255, 0.2869, 0.2763

Sweetspot

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



71.3288, 0.3751, 0.3704



90.3223, 0.3291, 0.3411



55.7499, 0.3483, 0.2837



19.0550, 0.3316, 0.3429



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.



71.3288, 0.3751, 0.3704



66.5778, 0.3908, 0.3789



94.0025, 0.3628, 0.4081



19.4314, 0.3282, 0.3405



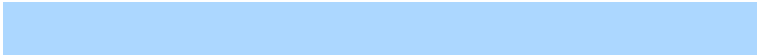
18.7888, 0.5464, 0.4044



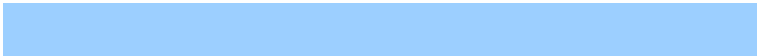
2.0468, 0.5281, 0.4189

Inverse Universe

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



64.6069, 0.2605, 0.2835



58.9090, 0.2500, 0.2727



46.5771, 0.2545, 0.2354



18.9349, 0.2979, 0.3173



12.7156, 0.1788, 0.1635



1.4569, 0.1843, 0.1836

Previews

White Background



This preview shows how the Yxy color 71.3255, 0.3751, 0.3704 looks on a white background.

Color Contrast Check

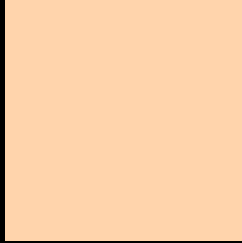
Large Text (above 18pt) WCAG AA × Fail

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 71.3255, 0.3751, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

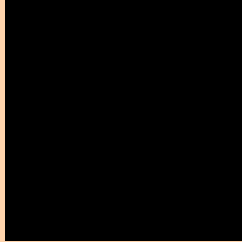
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3255, 0.3751, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 71.3255, 0.3751, 0.3704.



This preview shows how white text looks on a background with the Yxy color 71.3255, 0.3751, 0.3704.

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

71.3255, 0.3751, 0.3704

Protanopia

71.8134, 0.3535, 0.3769

Deuteranopia

71.4816, 0.3721, 0.3663



Tritanopia

71.1061, 0.3392, 0.3149

Trichromacy



Original Color

71.3255, 0.3751, 0.3704

Protanomaly

71.5981, 0.3612, 0.3739

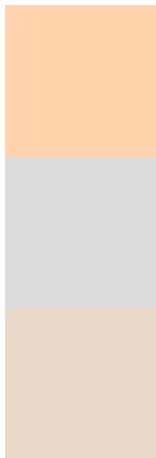
Deuteranomaly

71.4421, 0.3729, 0.3673

Tritanomaly

71.1727, 0.3524, 0.3353

Monochromacy



Original Color

71.3255, 0.3751, 0.3704

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2611, 0.3342, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3255, 0.3751, 0.3704 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, 212, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 172)  
}
```

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, 212, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 172) }
```

Border

The CSS property to change the border of an element to Yxy 71.3255, 0.3751, 0.3704 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, 212, 172) }
```

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

```
.border{ border-color:rgb(255, 212, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3255, 0.3751, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 172) }
```

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

```
.background{ background-color: rgb(255,  
212, 172) }
```

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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