

Converting Colors

$Yxy(72.0649, 0.3854, 0.3804)$

Have a look what the booklet for
Yxy(72.0649, 0.3854, 0.3804)
contains.

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Color

Yxy(71.4571, 0.3822, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5A2
RGB	255, 213, 162
RGB Percent	100%, 84%, 64%
CMY	0.0001, 0.1647, 0.3647
CMYK	0.00, 0.16, 0.36, 0.00
HSL	33°, 100%, 82%
HSV	33°, 36%, 100%
XYZ	71.5507, 71.4571, 44.1997
YIQ	219.7440, 41.4030, -6.9570

Conversions

Conversions Part 2

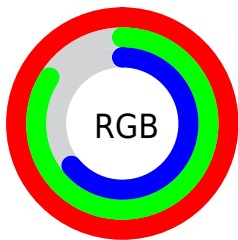
Format	Color
R _Y B	239, 255, 162
Decimal	16766370
CIE Lab	87.71, 7.83, 30.72
CIE LCh	88, 31.700, 75.696
Yxy	71.4571, 0.3822, 0.3817
Android (android.graphics.Color)	4294956450 (0xFFFFD5A2)
YUV	219.7440, -28.4678, 30.9195
Hunter-Lab	84.5323, 3.1563, 28.1714

Details

The Yxy color $71.4571, 0.3822, 0.3817$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.0679, 0.2530, 0.2694$, and the grayscale version is $71.5636, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7898, 0.3352, 0.3661$, and $37.4498, 0.3986, 0.3922$ is the 20% darker color. If you saturate the color by 10%, you get $65.0576, 0.4061, 0.3960$, and if you desaturate by 10%, it is $78.4580, 0.3603, 0.3668$.

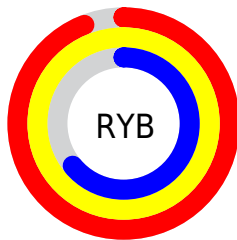
Distribution



Red (100%)

Green (84%)

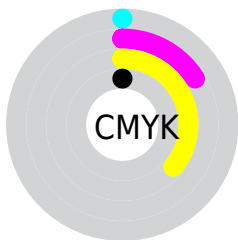
Blue (64%)



Red (94%)

Yellow (100%)

Blue (64%)

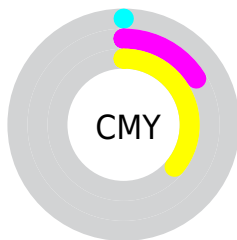


Cyan (0%)

Magenta (16%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4571, 0.3822, 0.3817 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 71.4571, 0.3822, 0.3817 by changing the saturation by 10% instead.


 71.4571, 0.3822,
0.3817


 71.4571, 0.3822,
0.3817


465.6498, 0.3500,
0.3581

 52.7153, 0.3895,
0.3868


 121.2844, 0.3711,
0.3737

 37.5755, 0.3984,
0.3930


 153.1386, 0.3667,
0.3705

 25.6534, 0.4095,
0.4004


190.1325, 0.3630,
0.3678

 16.5645, 0.4236,
0.4096

232.6503, 0.3597,
0.3654

 9.9245, 0.4422,
0.4210

281.0766, 0.3569,
0.3632

 5.3489, 0.4669,
0.4347

335.7957, 0.3543,

 2.4534, 0.5267,

0.3613

0.4733

397.1919, 0.3521,
0.3596

■ 0.8532, 0.5427,
0.4573

■ 0.0000, 0.0000,
0.0000

■ 71.4571, 0.3822,
0.3817

■ 71.4571, 0.3822,
0.3817

■ 65.0576, 0.4061,
0.3960

■ 78.4580, 0.3603,
0.3668

■ 59.2299, 0.4314,
0.4087

■ 86.0687, 0.3405,
0.3520

■ 53.9560, 0.4571,
0.4187

■ 94.3100, 0.3229,
0.3378

■ 49.2131, 0.4820,
0.4246

99.9969, 0.3127,
0.3290

■ 44.9751, 0.5044,
0.4254

■ 41.2118, 0.5231,
0.4206

■ 39.9837, 0.5291,
0.4181

Harmonies

Analogous

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



71.4571, 0.3892, 0.3542



71.4571, 0.3822, 0.3817



71.4571, 0.3562, 0.3972

Triad

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



71.4571, 0.3822, 0.3817



71.4571, 0.2544, 0.3309



71.4571, 0.3023, 0.2741

Complementary

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



71.4571, 0.3822, 0.3817



58.0679, 0.2530, 0.2694

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.



71.4571, 0.2681, 0.2664



71.4571, 0.3822, 0.3817



71.4571, 0.2419, 0.2964

Square

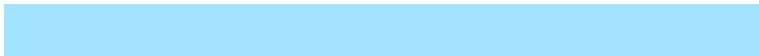
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4571, 0.3822, 0.3817



71.4571, 0.2823, 0.3677



71.4571, 0.2467, 0.2737



71.4571, 0.3414, 0.2943

Rectangle

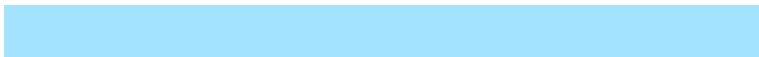
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4571, 0.3822, 0.3817



71.4571, 0.3322, 0.3968



71.4571, 0.2467, 0.2737



71.4571, 0.2898, 0.2700

Sweetspot

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



71.4604, 0.3822, 0.3817



90.5101, 0.3306, 0.3442



51.5216, 0.3598, 0.2843



19.1341, 0.3330, 0.3461



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.



71.4604, 0.3822, 0.3817



66.5940, 0.4000, 0.3926



94.7917, 0.3656, 0.4207



19.6392, 0.3280, 0.3420



21.1980, 0.5268, 0.4199



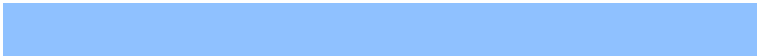
2.2823, 0.5112, 0.4323

Inverse Universe

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



58.0679, 0.2530, 0.2694



51.3767, 0.2403, 0.2545



41.0664, 0.2478, 0.2189



18.7279, 0.2979, 0.3156



10.4792, 0.1727, 0.1415



1.2350, 0.1787, 0.1632

Previews

White Background



This preview shows how the Yxy color 71.4571, 0.3822, 0.3817 looks on a white background.

Color Contrast Check

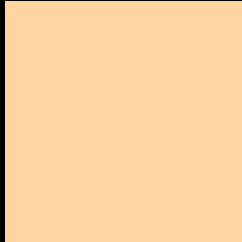
Large Text (above 18pt) WCAG AA × Fail

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 71.4571, 0.3822, 0.3817 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 71.4571, 0.3822, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 71.4571, 0.3822, 0.3817.



This preview shows how white text looks on a background with the Yxy color 71.4571, 0.3822, 0.3817.

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

71.4571, 0.3822, 0.3817

Protanopia

71.7359, 0.3628, 0.3885

Deuteranopia

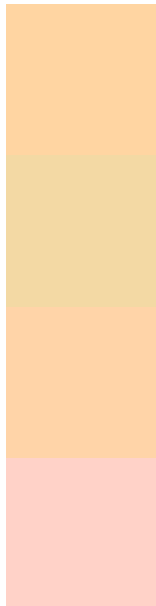
71.3255, 0.3751, 0.3704



Tritanopia

71.5922, 0.3391, 0.3159

Trichromacy



Original Color

71.4571, 0.3822, 0.3817

Protanomaly

71.3607, 0.3699, 0.3855

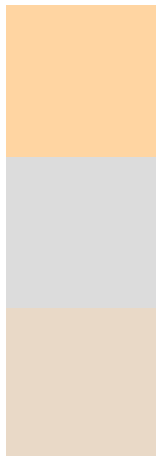
Deuteranomaly

71.1741, 0.3781, 0.3746

Tritanomaly

71.5233, 0.3545, 0.3394

Monochromacy



Original Color

71.4571, 0.3822, 0.3817

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.0729, 0.3370, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4571, 0.3822, 0.3817 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 162) }
```

Border

The CSS property to change the border of an element to Yxy 71.4571, 0.3822, 0.3817 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, 162) }
```

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

```
.border{ border-color:rgb(255, 213, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 213, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 213, 162); box-shadow:4px 4px 4px 4px rgb(255, 213, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4571, 0.3822, 0.3817 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
213, 162) }
```

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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