

Converting Colors

$Yxy(72.4354, 0.3815, 0.3835)$

Have a look what the booklet for
Yxy(72.4354, 0.3815, 0.3835)
contains.

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Color

Yxy(72.4695, 0.3815, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7A2
RGB	255, 215, 162
RGB Percent	100%, 84%, 64%
CMY	0.0000, 0.1569, 0.3647
CMYK	0.00, 0.16, 0.36, 0.00
HSL	34°, 100%, 82%
HSV	34°, 36%, 100%
XYZ	72.0728, 72.4695, 44.3772
YIQ	220.9180, 40.8530, -8.0030

Conversions

Conversions Part 2

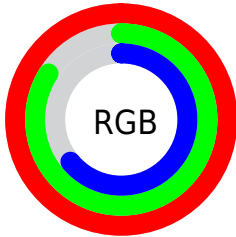
Format	Color
R_{YB}	232, 255, 162
Decimal	16766882
CIE _{Lab}	88.19, 6.83, 31.36
CIE _{LCh}	88, 32.096, 77.706
Yxy	72.4695, 0.3815, 0.3836
Android (android.graphics.Color)	4294956962 (0xFFFFD7A2)
YUV	220.9180, -29.0466, 29.8899
Hunter-Lab	85.1290, 2.1476, 28.6828

Details

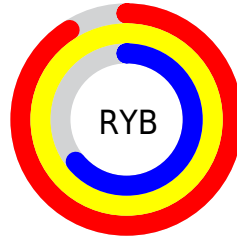
The Yxy color **72.4695, 0.3815, 0.3836** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1539, 0.2527, 0.2670**, and the grayscale version is **72.4288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **38.1377, 0.3975, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **66.2477, 0.4048, 0.3984**, and if you desaturate by 10%, it is **79.2428, 0.3599, 0.3682**.

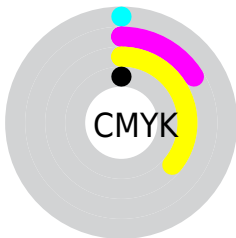
Distribution



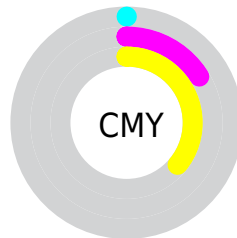
- Red (100%)
- Green (84%)
- Blue (64%)



- Red (91%)
- 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 72.4695, 0.3815, 0.3836 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 72.4695, 0.3815, 0.3836 by changing the saturation by 10% instead.


 72.4695, 0.3815,
0.3836


 72.4695, 0.3815,
0.3836


469.1741, 0.3498,
0.3591

 53.5423, 0.3886,
0.3889

 122.7238, 0.3706,
0.3753

 38.2359, 0.3973,
0.3953


 154.8197, 0.3663,
0.3720

 26.1658, 0.4082,
0.4031


192.0739, 0.3626,
0.3692

 16.9477, 0.4220,
0.4126

234.8709, 0.3594,
0.3667

 10.1972, 0.4399,
0.4245

283.5950, 0.3565,
0.3645

 5.5299, 0.4637,
0.4389

338.6307, 0.3540,

 2.5614, 0.5212,

0.3625

0.4787

400.3622, 0.3518,
0.3607

0.9073, 0.5349,
0.4651

0.0000, 0.0000,
0.0000

72.4695, 0.3815,
0.3836

72.4695, 0.3815,
0.3836

66.2477, 0.4048,
0.3984

79.2428, 0.3599,
0.3682

60.5696, 0.4294,
0.4116

86.5956, 0.3404,
0.3529

55.4118, 0.4542,
0.4220

94.5407, 0.3229,
0.3381

50.7523, 0.4781,
0.4284

100.0000, 0.3127,
0.3290

■ 46.5668, 0.4994,
0.4296

■ 42.8263, 0.5172,
0.4254

■ 41.5980, 0.5228,
0.4231

Harmonies

Analogous

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



72.4695, 0.3900, 0.3564



72.4695, 0.3815, 0.3836



72.4695, 0.3542, 0.3981

Triad

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



72.4695, 0.3815, 0.3836



72.4695, 0.2526, 0.3284



72.4695, 0.3048, 0.2747

Complementary

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



72.4695, 0.3815, 0.3836



57.1539, 0.2527, 0.2670

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.



72.4695, 0.2697, 0.2661



72.4695, 0.3815, 0.3836



72.4695, 0.2411, 0.2941

Square

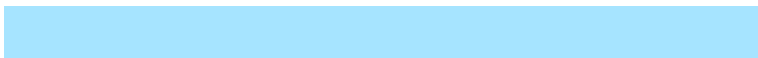
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4695, 0.3815, 0.3836



72.4695, 0.2798, 0.3657



72.4695, 0.2472, 0.2723



72.4695, 0.3441, 0.2957

Rectangle

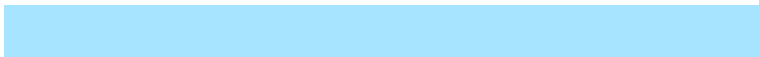
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4695, 0.3815, 0.3836



72.4695, 0.3298, 0.3967



72.4695, 0.2472, 0.2723



72.4695, 0.2921, 0.2703

Sweetspot

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



72.4660, 0.3815, 0.3836



90.8634, 0.3306, 0.3447



51.3843, 0.3627, 0.2874



19.2183, 0.3329, 0.3467



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.



72.4660, 0.3815, 0.3836



67.7298, 0.3989, 0.3949



94.2323, 0.3635, 0.4214



19.7051, 0.3280, 0.3425



22.0384, 0.5207, 0.4248



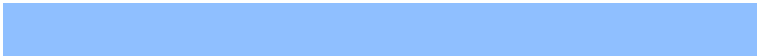
2.3629, 0.5059, 0.4365

Inverse Universe

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



57.1539, 0.2527, 0.2670



50.3360, 0.2398, 0.2515



41.4136, 0.2500, 0.2195



18.6630, 0.2979, 0.3151



9.8505, 0.1708, 0.1349



1.1710, 0.1769, 0.1570

Previews

White Background



This preview shows how the Yxy color 72.4695, 0.3815, 0.3836 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 72.4695, 0.3815, 0.3836 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 72.4695, 0.3815, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 72.4695, 0.3815, 0.3836.

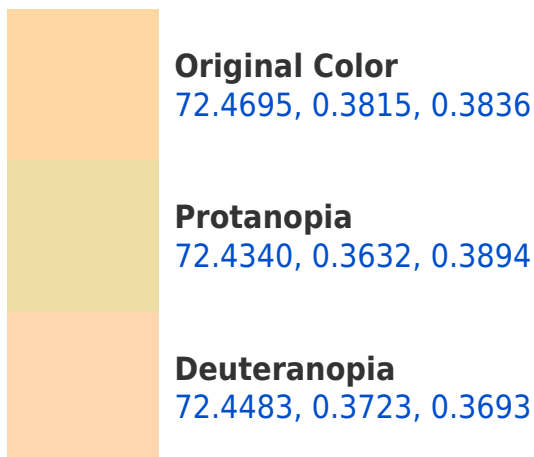


This preview shows how white text looks on a background with the Yxy color 72.4695, 0.3815, 0.3836.

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





Tritanopia

72.6809, 0.3374, 0.3160

Trichromacy



Original Color

72.4695, 0.3815, 0.3836

Protanomaly

72.5765, 0.3700, 0.3873

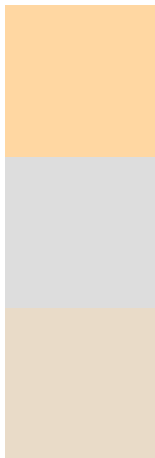
Deuteranomaly

72.2554, 0.3760, 0.3745

Tritanomaly

72.5640, 0.3533, 0.3404

Monochromacy



Original Color

72.4695, 0.3815, 0.3836

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.1568, 0.3360, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4695, 0.3815, 0.3836 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, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 162) }
```

Border

The CSS property to change the border of an element to Yxy 72.4695, 0.3815, 0.3836 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, 215, 162) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4695, 0.3815, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 162) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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