

Converting Colors

$Y_{xy}(70.9723, 0.3833, 0.3797)$

Have a look what the booklet for
Yxy(70.9723, 0.3833, 0.3797)
contains.

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Color

Yxy(70.9556, 0.3826, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4A2
RGB	255, 212, 162
RGB Percent	100%, 83%, 64%
CMY	0.0000, 0.1686, 0.3647
CMYK	0.00, 0.17, 0.36, 0.00
HSL	32°, 100%, 82%
HSV	32°, 36%, 100%
XYZ	71.3097, 70.9556, 44.1166
YIQ	219.1570, 41.6780, -6.4340

Conversions

Conversions Part 2

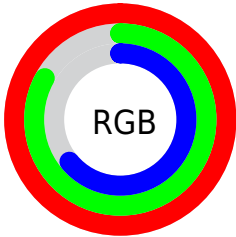
Format	Color
R _Y B	242, 255, 162
Decimal	16766114
CIE Lab	87.46, 8.37, 30.39
CIE LCh	87, 31.523, 74.604
Yxy	70.9556, 0.3826, 0.3807
Android (android.graphics.Color)	4294956194 (0xFFFFD4A2)
YUV	219.1570, -28.1784, 31.4343
Hunter-Lab	84.2351, 3.6986, 27.9126

Details

The Yxy color $70.9556, 0.3826, 0.3807$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.5612, 0.2532, 0.2707$, and the grayscale version is $71.1293, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.7898, 0.3352, 0.3661$, and $37.1100, 0.3992, 0.3909$ is the 20% darker color. If you saturate the color by 10%, you get $64.4576, 0.4068, 0.3947$, and if you desaturate by 10%, it is $78.0674, 0.3604, 0.3661$.

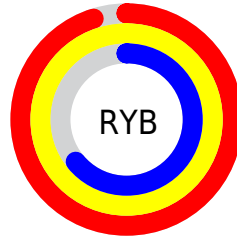
Distribution



Red (100%)

Green (83%)

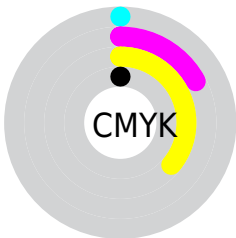
Blue (64%)



Red (95%)

Yellow (100%)

Blue (64%)

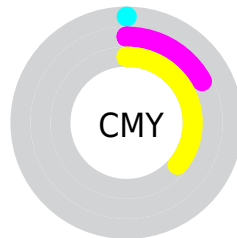


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9556, 0.3826, 0.3807 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 70.9556, 0.3826, 0.3807 by changing the saturation by 10% instead.


 70.9556, 0.3826,
0.3807

 70.9556, 0.3826,
0.3807

463.8982, 0.3502,
0.3575

 52.3060, 0.3899,
0.3857


 120.5705, 0.3714,
0.3729

 37.2490, 0.3989,
0.3917


 152.3046, 0.3670,
0.3698

 25.4003, 0.4102,
0.3991


189.1689, 0.3632,
0.3671

 16.3756, 0.4245,
0.4081

231.5479, 0.3599,
0.3647

 9.7903, 0.4434,
0.4192

279.8259, 0.3571,
0.3626

 5.2601, 0.4686,
0.4325

334.3873, 0.3545,

 2.4007, 0.5296,

0.3607

0.4704

395.6167, 0.3522,
0.3590

■ 0.8262, 0.5472,
0.4528

■ 0.0000, 0.0000,
0.0000

■ 70.9556, 0.3826,
0.3807

■ 70.9556, 0.3826,
0.3807

■ 64.4576, 0.4068,
0.3947

■ 78.0674, 0.3604,
0.3661

■ 58.5539, 0.4324,
0.4072

■ 85.8128, 0.3406,
0.3516

■ 53.2223, 0.4586,
0.4169

■ 94.2097, 0.3230,
0.3376

■ 48.4391, 0.4840,
0.4226

100.0000, 0.3127,
0.3290

■ 44.1776, 0.5070,
0.4232

■ 40.4066, 0.5262,
0.4181

■ 39.1805, 0.5324,
0.4155

Harmonies

Analogous

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



70.9556, 0.3887, 0.3530



70.9556, 0.3826, 0.3807



70.9556, 0.3572, 0.3967

Triad

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



70.9556, 0.3826, 0.3807



70.9556, 0.2554, 0.3323



70.9556, 0.3009, 0.2738

Complementary

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



70.9556, 0.3826, 0.3807



58.5612, 0.2532, 0.2707

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.



70.9556, 0.2672, 0.2666



70.9556, 0.3826, 0.3807



70.9556, 0.2422, 0.2976

Square

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



70.9556, 0.3826, 0.3807



70.9556, 0.2836, 0.3688



70.9556, 0.2465, 0.2745



70.9556, 0.3399, 0.2935

Rectangle

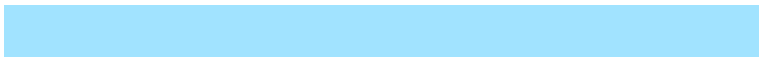
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9556, 0.3826, 0.3807



70.9556, 0.3335, 0.3968



70.9556, 0.2465, 0.2745



70.9556, 0.2886, 0.2698

Sweetspot

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



70.9553, 0.3826, 0.3807



90.3262, 0.3307, 0.3439



51.5259, 0.3598, 0.2842



19.0902, 0.3331, 0.3458



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.



70.9553, 0.3826, 0.3807



66.0081, 0.4006, 0.3914



94.8052, 0.3656, 0.4207



19.6049, 0.3281, 0.3418



20.7749, 0.5300, 0.4174



2.2415, 0.5139, 0.4301

Inverse Universe

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



58.5612, 0.2532, 0.2707



51.9265, 0.2406, 0.2561



41.0685, 0.2478, 0.2188



18.7619, 0.2979, 0.3159



10.8217, 0.1736, 0.1450



1.2695, 0.1796, 0.1665

Previews

White Background



This preview shows how the Yxy color 70.9556, 0.3826, 0.3807 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 70.9556, 0.3826, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

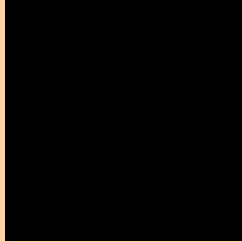
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9556, 0.3826, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 70.9556, 0.3826, 0.3807.



This preview shows how white text looks on a background with the Yxy color 70.9556, 0.3826, 0.3807.

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

70.9556, 0.3826, 0.3807

Protanopia

71.0418, 0.3623, 0.3877

Deuteranopia

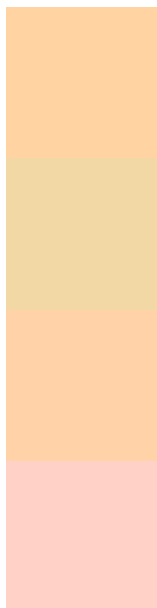
70.7508, 0.3770, 0.3715



Tritanopia

71.0530, 0.3400, 0.3159

Trichromacy



Original Color

70.9556, 0.3826, 0.3807

Protanomaly

70.6693, 0.3694, 0.3846

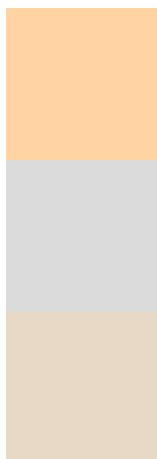
Deuteranomaly

70.6386, 0.3792, 0.3746

Tritanomaly

70.9844, 0.3555, 0.3394

Monochromacy



Original Color

70.9556, 0.3826, 0.3807

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.3448, 0.3371, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9556, 0.3826, 0.3807 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 162) }
```

Border

The CSS property to change the border of an element to Yxy 70.9556, 0.3826, 0.3807 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, 162) }
```

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

```
.border{ border-color:rgb(255, 212, 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, 212, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9556, 0.3826, 0.3807 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, 162) }
```

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

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