

Converting Colors

$Y_{xy}(70.0678, 0.3792, 0.3728)$

Have a look what the booklet for
Yxy(70.0678, 0.3792, 0.3728)
contains.

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Color

Yxy(70.1803, 0.3788, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A8
RGB	255, 210, 168
RGB Percent	100%, 82%, 66%
CMY	0.0001, 0.1764, 0.3412
CMYK	0.00, 0.18, 0.34, 0.00
HSL	29°, 100%, 83%
HSV	29°, 34%, 100%
XYZ	71.3481, 70.1803, 46.8245
YIQ	218.6670, 40.3020, -3.5220

Conversions

Conversions Part 2

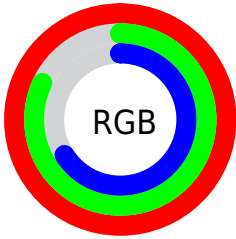
Format	Color
R _Y B	255, 249, 168
Decimal	16765608
CIE Lab	87.09, 10.08, 26.77
CIE LCh	87, 28.606, 69.366
Yxy	70.1803, 0.3788, 0.3726
Android (android.graphics.Color)	4294955688 (0xFFFFD2A8)
YUV	218.6670, -24.9788, 31.8640
Hunter-Lab	83.7737, 5.4203, 25.5020

Details

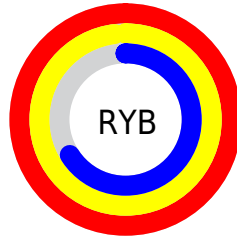
The Yxy color **70.1803, 0.3788, 0.3726** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.1073, 0.2579, 0.2807**, and the grayscale version is **70.7512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **36.9082, 0.3940, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **63.0818, 0.4038, 0.3855**, and if you desaturate by 10%, it is **78.0077, 0.3563, 0.3594**.

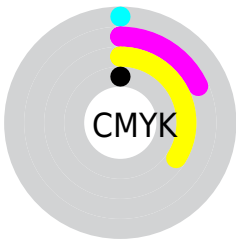
Distribution



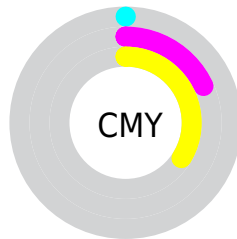
- Red (100%)
- Green (82%)
- Blue (66%)



- Red (100%)
- Yellow (98%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1803, 0.3788, 0.3726 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 70.1803, 0.3788, 0.3726 by changing the saturation by 10% instead.

 70.1803, 0.3788,
0.3726


 70.1803, 0.3788,
0.3726


461.1828, 0.3479,
0.3531

 51.6735, 0.3858,
0.3768


 119.4658, 0.3681,
0.3660

 36.7449, 0.3945,
0.3819


 151.0134, 0.3639,
0.3634

 25.0101, 0.4055,
0.3881


187.6767, 0.3603,
0.3611

 16.0845, 0.4196,
0.3958

229.8401, 0.3572,
0.3591

 9.5840, 0.4384,
0.4053

277.8880, 0.3545,
0.3573

 5.1240, 0.4643,
0.4169

332.2049, 0.3520,

 2.3202, 0.5191,

0.3558

0.4449

393.1750, 0.3499,
0.3544

0.7844, 0.5606,
0.4394

0.0000, 0.0000,
0.0000

70.1803, 0.3788,
0.3726

70.1803, 0.3788,
0.3726

63.0818, 0.4038,
0.3855

78.0077, 0.3563,
0.3594

56.6785, 0.4310,
0.3971

86.5766, 0.3365,
0.3463

50.9484, 0.4595,
0.4064

95.9116, 0.3192,
0.3339

45.8639, 0.4879,
0.4120

99.9963, 0.3127,
0.3290

■ 41.3948, 0.5144,
0.4126

■ 37.5065, 0.5371,
0.4076

■ 35.4679, 0.5486,
0.4026

Harmonies

Analogous

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



70.1803, 0.3808, 0.3463



70.1803, 0.3788, 0.3726



70.1803, 0.3585, 0.3893

Triad

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



70.1803, 0.3788, 0.3726



70.1803, 0.2640, 0.3382



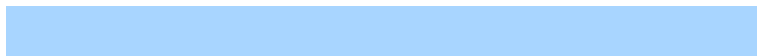
70.1803, 0.2961, 0.2763

Complementary

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



70.1803, 0.3788, 0.3726



63.1073, 0.2579, 0.2807

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.



70.1803, 0.2668, 0.2721



70.1803, 0.3788, 0.3726



70.1803, 0.2492, 0.3055

Square

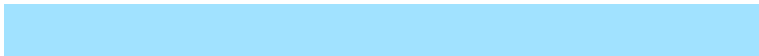
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1803, 0.3788, 0.3726



70.1803, 0.2919, 0.3700



70.1803, 0.2502, 0.2820



70.1803, 0.3315, 0.2926

Rectangle

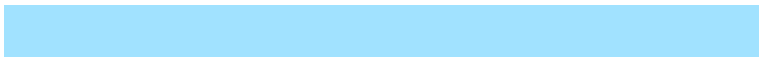
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1803, 0.3788, 0.3726



70.1803, 0.3378, 0.3914



70.1803, 0.2502, 0.2820



70.1803, 0.2853, 0.2734

Sweetspot

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



70.1836, 0.3788, 0.3726



90.3419, 0.3291, 0.3411



54.1317, 0.3506, 0.2815



19.0597, 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.



70.1836, 0.3788, 0.3726



65.2308, 0.3958, 0.3816



93.7546, 0.3652, 0.4118



19.4354, 0.3282, 0.3405



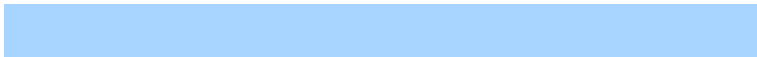
18.8317, 0.5460, 0.4047



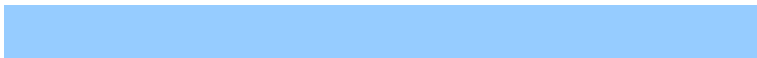
2.0511, 0.5278, 0.4191

Inverse Universe

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



63.1073, 0.2579, 0.2807



57.1662, 0.2467, 0.2691



44.6255, 0.2512, 0.2300



18.9309, 0.2979, 0.3172



12.6688, 0.1786, 0.1631



1.4524, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 70.1803, 0.3788, 0.3726 looks on a white background.

Color Contrast Check

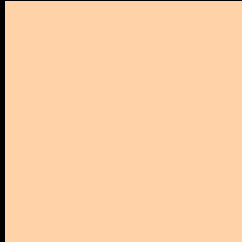
Large Text (above 18pt) WCAG AA × Fail

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 70.1803, 0.3788, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

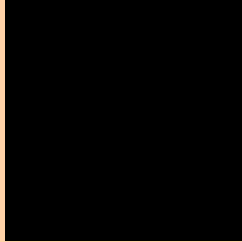
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.1803, 0.3788, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 70.1803, 0.3788, 0.3726.



This preview shows how white text looks on a background with the Yxy color 70.1803, 0.3788, 0.3726.

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

70.1803, 0.3788, 0.3726

Protanopia

70.2772, 0.3553, 0.3795

Deuteranopia

70.2555, 0.3773, 0.3705



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

70.1803, 0.3788, 0.3726

Protanomaly

70.0664, 0.3631, 0.3764

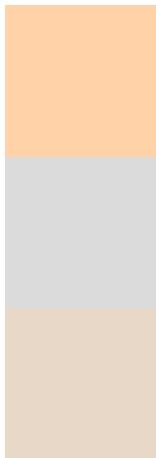
Deuteranomaly

70.2178, 0.3781, 0.3715

Tritanomaly

70.0558, 0.3552, 0.3363

Monochromacy



Original Color

70.1803, 0.3788, 0.3726

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4377, 0.3357, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1803, 0.3788, 0.3726 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, 210, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 168)  
}
```

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, 210, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 168) }
```

Border

The CSS property to change the border of an element to Yxy 70.1803, 0.3788, 0.3726 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, 210, 168) }
```

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

```
.border{ border-color:rgb(255, 210, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1803, 0.3788, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 168) }
```

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

```
.background{ background-color: rgb(255,  
210, 168) }
```

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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