

Converting Colors

$Yxy(70.8684, 0.3798, 0.3887)$

Have a look what the booklet for
Yxy(70.8684, 0.3798, 0.3887)
contains.

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Color

Yxy(70.7015, 0.3800, 0.3878)

Conversions

Conversions Part 1

Format	Color
Hex	F9D69E
RGB	249, 214, 158
RGB Percent	98%, 84%, 62%
CMY	0.0236, 0.1607, 0.3805
CMYK	0.00, 0.14, 0.37, 0.02
HSL	37°, 88%, 80%
HSV	37°, 37%, 98%
XYZ	69.2794, 70.7015, 42.3334
YIQ	218.0810, 38.8360, -9.9960

Conversions

Conversions Part 2

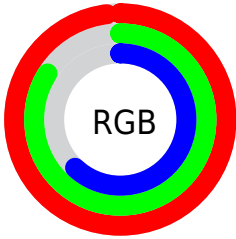
Format	Color
R _Y B	215, 249, 158
Decimal	16373406
CIE Lab	87.34, 4.55, 32.20
CIE LCh	87, 32.519, 81.959
Yxy	70.7015, 0.3800, 0.3878
Android (android.graphics.Color)	4294563486 (0xFFFF9D69E)
YUV	218.0810, -29.6199, 27.1160
Hunter-Lab	84.0842, -0.0759, 29.0085

Details

The Yxy color **70.7015, 0.3800, 0.3878** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.2242, 0.2519, 0.2618**, and the grayscale version is **70.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **36.9132, 0.3956, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **65.2304, 0.4022, 0.4036**, and if you desaturate by 10%, it is **76.6373, 0.3592, 0.3713**.

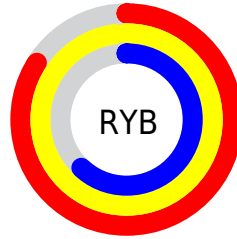
Distribution



Red (98%)

Green (84%)

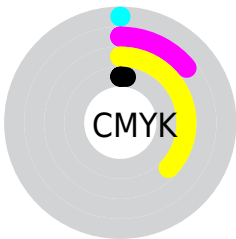
Blue (62%)



Red (84%)

Yellow (98%)

Blue (62%)

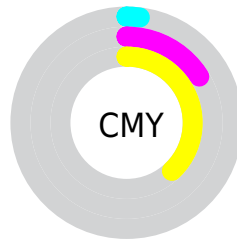


Cyan (0%)

Magenta (14%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.7015, 0.3800, 0.3878 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 70.7015, 0.3800, 0.3878 by changing the saturation by 10% instead.

 70.7015, 0.3800,
0.3878


 70.7015, 0.3800,
0.3878


463.0093, 0.3489,
0.3612

 52.0986, 0.3870,
0.3936


 120.2086, 0.3693,
0.3787

 37.0837, 0.3955,
0.4007


 151.8816, 0.3651,
0.3751

 25.2723, 0.4061,
0.4093


188.6802, 0.3615,
0.3720

 16.2800, 0.4196,
0.4201

230.9886, 0.3583,
0.3693

 9.7225, 0.4370,
0.4335

279.1913, 0.3555,
0.3669

 5.2154, 0.4597,
0.4500

333.6728, 0.3531,

 2.3742, 0.5107,

0.3648

0.4893

394.8173, 0.3509,
0.3629

0.8126, 0.5211,
0.4789

0.0000, 0.0000,
0.0000

70.7015, 0.3800,
0.3878

70.7015, 0.3800,
0.3878

65.2304, 0.4022,
0.4036

76.6373, 0.3592,
0.3713

60.1989, 0.4252,
0.4178

83.0425, 0.3402,
0.3549

55.5934, 0.4481,
0.4291

89.9337, 0.3230,
0.3390

51.3957, 0.4697,
0.4364

97.1570, 0.3091,
0.3264

■ 47.5850, 0.4888,
0.4387

■ 98.8769, 0.3090,
0.3290

■ 44.1364, 0.5044,
0.4357

■ 43.0192, 0.5093,
0.4338

Harmonies

Analogous

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



70.7015, 0.3918, 0.3613



70.7015, 0.3800, 0.3878



70.7015, 0.3500, 0.4002

Triad

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



70.7015, 0.3800, 0.3878



70.7015, 0.2486, 0.3228



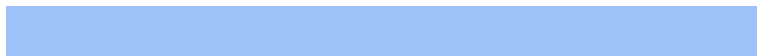
70.7015, 0.3102, 0.2760

Complementary

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



70.7015, 0.3800, 0.3878



52.2242, 0.2519, 0.2618

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.



70.7015, 0.2733, 0.2652



70.7015, 0.3800, 0.3878



70.7015, 0.2395, 0.2893

Square

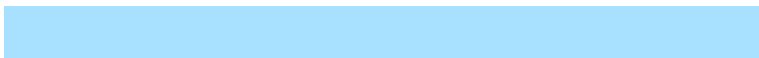
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7015, 0.3800, 0.3878



70.7015, 0.2743, 0.3615



70.7015, 0.2482, 0.2693



70.7015, 0.3502, 0.2988

Rectangle

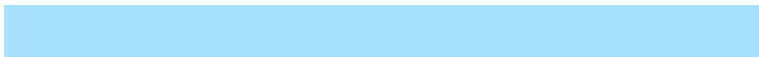
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7015, 0.3800, 0.3878



70.7015, 0.3245, 0.3967



70.7015, 0.2482, 0.2693



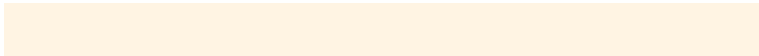
70.7015, 0.2970, 0.2709

Sweetspot

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



70.7048, 0.3800, 0.3878



91.6377, 0.3304, 0.3460



48.4962, 0.3657, 0.2905



19.4031, 0.3328, 0.3481



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.



70.7048, 0.3800, 0.3878



70.2660, 0.3965, 0.3998



88.7147, 0.3614, 0.4222



19.0049, 0.3278, 0.3436



23.3143, 0.5074, 0.4353



2.3644, 0.4941, 0.4459

Inverse Universe

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



52.2242, 0.2519, 0.2618



48.1243, 0.2387, 0.2450



39.5100, 0.2520, 0.2199



17.7365, 0.2979, 0.3140



8.3625, 0.1671, 0.1215



0.9726, 0.1736, 0.1450

Previews

White Background



This preview shows how the Yxy color 70.7015, 0.3800, 0.3878 looks on a white background.

Color Contrast Check

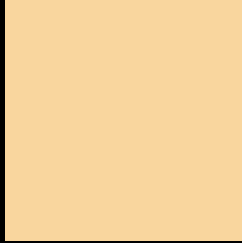
Large Text (above 18pt) WCAG AA × Fail

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 70.7015, 0.3800, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

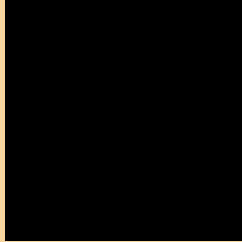
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.7015, 0.3800, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 70.7015, 0.3800, 0.3878.



This preview shows how white text looks on a background with the Yxy color 70.7015, 0.3800, 0.3878.

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

70.7015, 0.3800, 0.3878

Protanopia

70.8633, 0.3658, 0.3931

Deuteranopia

70.6757, 0.3785, 0.3736



Tritanopia

70.6765, 0.3386, 0.3129

Trichromacy



Original Color

70.7015, 0.3800, 0.3878

Protanomaly

70.6542, 0.3711, 0.3913

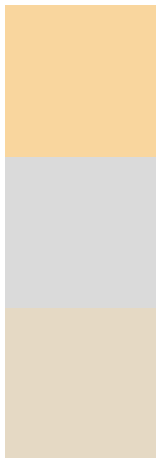
Deuteranomaly

70.6499, 0.3795, 0.3790

Tritanomaly

70.6071, 0.3539, 0.3394

Monochromacy



Original Color

70.7015, 0.3800, 0.3878

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2692, 0.3361, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.7015, 0.3800, 0.3878 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(249, 214, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 158)  
}
```

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(249, 214, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 158) }
```

Border

The CSS property to change the border of an element to Yxy 70.7015, 0.3800, 0.3878 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(249, 214, 158) }
```

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

```
.border{ border-color:rgb(249, 214, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 214, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 70.7015, 0.3800, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 158) }
```

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

```
.background{ background-color: rgb(249,  
214, 158) }
```

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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