

Converting Colors

$Yxy(68.7912, 0.3833, 0.3769)$

Have a look what the booklet for
Yxy(68.7912, 0.3833, 0.3769)
contains.

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Color

Yxy(68.7912, 0.3833, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	FED0A2
RGB	254, 208, 162
RGB Percent	100%, 82%, 64%
CMY	0.0038, 0.1843, 0.3647
CMYK	0.00, 0.18, 0.36, 0.00
HSL	30°, 98%, 82%
HSV	30°, 36%, 100%
XYZ	69.9593, 68.7912, 43.7679
YIQ	216.5100, 42.1820, -4.5540

Conversions

Conversions Part 2

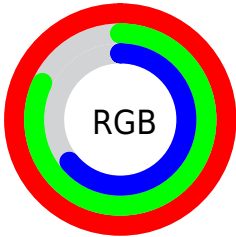
Format	Color
R _Y B	254, 254, 162
Decimal	16699554
CIE Lab	86.40, 10.06, 28.95
CIE LCh	86, 30.649, 70.830
Yxy	68.7912, 0.3833, 0.3769
Android (android.graphics.Color)	4294889634 (0xFF FED0A2)
YUV	216.5100, -26.8734, 32.8787
Hunter-Lab	82.9405, 5.4169, 26.7708

Details

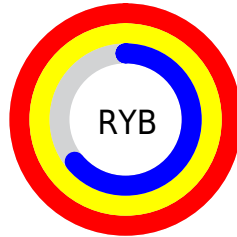
The Yxy color **68.7912, 0.3833, 0.3769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.9660, 0.2542, 0.2754**, and the grayscale version is **69.2041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **35.9728, 0.4000, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **62.0305, 0.4084, 0.3900**, and if you desaturate by 10%, it is **76.2373, 0.3606, 0.3633**.

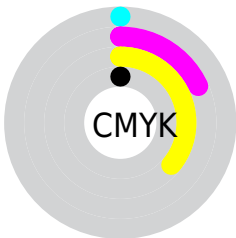
Distribution



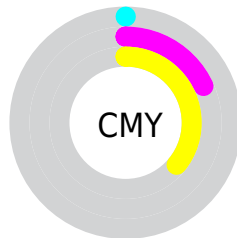
- Red (100%)
- Green (82%)
- Blue (64%)



- Red (100%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7912, 0.3833, 0.3769 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 68.7912, 0.3833, 0.3769 by changing the saturation by 10% instead.


 68.7912, 0.3833,
0.3769

 68.7912, 0.3833,
0.3769


456.2942, 0.3503,
0.3554

 50.5417, 0.3908,
0.3815


 117.4833, 0.3718,
0.3696

 35.8440, 0.4001,
0.3871


 148.6947, 0.3674,
0.3668

 24.3137, 0.4118,
0.3939


184.9954, 0.3635,
0.3643

 15.5665, 0.4268,
0.4022


226.7700, 0.3602,
0.3621

 9.2179, 0.4467,
0.4124

274.4028, 0.3573,
0.3601

 4.8836, 0.4738,
0.4244

328.2781, 0.3547,

 2.1791, 0.5394,

0.3584

0.4606

388.7805, 0.3524,
0.3568

0.7086, 0.5653,
0.4347

0.0000, 0.0000,
0.0000

68.7912, 0.3833,
0.3769

68.7912, 0.3833,
0.3769

62.0305, 0.4084,
0.3900

76.2373, 0.3606,
0.3633

55.9229, 0.4353,
0.4017

84.3803, 0.3404,
0.3497

50.4474, 0.4632,
0.4106

93.2439, 0.3226,
0.3367

45.5776, 0.4906,
0.4156

99.8175, 0.3121,
0.3290

■ 41.2842, 0.5156,
0.4154

■ 37.5335, 0.5365,
0.4097

■ 36.2470, 0.5436,
0.4065

Harmonies

Analogous

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



68.7912, 0.3866, 0.3488



68.7912, 0.3833, 0.3769



68.7912, 0.3604, 0.3944

Triad

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



68.7912, 0.3833, 0.3769



68.7912, 0.2591, 0.3369



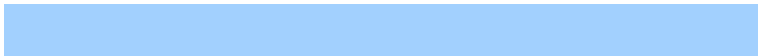
68.7912, 0.2965, 0.2730

Complementary

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



68.7912, 0.3833, 0.3769



59.9660, 0.2542, 0.2754

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.



68.7912, 0.2646, 0.2678



68.7912, 0.3833, 0.3769



68.7912, 0.2441, 0.3020

Square

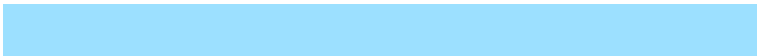
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.7912, 0.3833, 0.3769



68.7912, 0.2884, 0.3720



68.7912, 0.2461, 0.2775



68.7912, 0.3347, 0.2910

Rectangle

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



68.7912, 0.3833, 0.3769



68.7912, 0.3379, 0.3963



68.7912, 0.2461, 0.2775



68.7912, 0.2847, 0.2697

Sweetspot

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



68.7944, 0.3833, 0.3769



89.6956, 0.3308, 0.3428



51.5454, 0.3551, 0.2800



18.9400, 0.3332, 0.3446



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.



68.7944, 0.3833, 0.3769



64.6941, 0.4001, 0.3859



93.6219, 0.3679, 0.4181



19.4871, 0.3282, 0.3409



19.3990, 0.5411, 0.4085



2.1072, 0.5235, 0.4225

Inverse Universe

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



59.9660, 0.2542, 0.2754



54.6720, 0.2431, 0.2633



41.2195, 0.2465, 0.2210



18.8791, 0.2979, 0.3168



12.0774, 0.1771, 0.1574



1.3944, 0.1828, 0.1780

Previews

White Background



This preview shows how the Yxy color 68.7912, 0.3833, 0.3769 looks on a white background.

Color Contrast Check

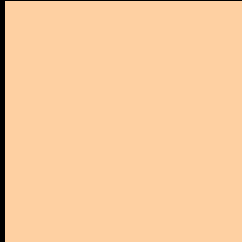
Large Text (above 18pt) WCAG AA × Fail

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 68.7912, 0.3833, 0.3769 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 68.7912, 0.3833, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 68.7912, 0.3833, 0.3769.



This preview shows how white text looks on a background with the Yxy color 68.7912, 0.3833, 0.3769.

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

68.7912, 0.3833, 0.3769

Protanopia

68.8538, 0.3593, 0.3842

Deuteranopia

68.9804, 0.3841, 0.3768



Tritanopia

68.9297, 0.3436, 0.3158

Trichromacy



Original Color

68.7912, 0.3833, 0.3769

Protanomaly

68.6558, 0.3673, 0.3810

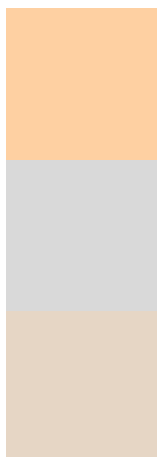
Deuteranomaly

68.9804, 0.3841, 0.3768

Tritanomaly

68.9082, 0.3587, 0.3384

Monochromacy



Original Color

68.7912, 0.3833, 0.3769

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.9473, 0.3366, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7912, 0.3833, 0.3769 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(254, 208, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 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(254, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 162) }
```

Border

The CSS property to change the border of an element to Yxy 68.7912, 0.3833, 0.3769 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(254, 208, 162) }
```

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

```
.border{ border-color:rgb(254, 208, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7912, 0.3833, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 162) }
```

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

```
.background{ background-color: rgb(254,  
208, 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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