

# Converting Colors

$Yxy(61.9115, 0.3810, 0.3725)$

Have a look what the booklet for  
Yxy(61.9115, 0.3810, 0.3725)  
contains.

|   |    |
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# Color

**Yxy(61.9115, 0.3810, 0.3725)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F3C69E                     |
| RGB         | 243, 198, 158              |
| RGB Percent | 95%, 78%, 62%              |
| CMY         | 0.0471, 0.2235, 0.3803     |
| CMYK        | 0.00, 0.19, 0.35, 0.05     |
| HSL         | 28°, 78%, 79%              |
| HSV         | 28°, 35%, 95%              |
| XYZ         | 63.3242, 61.9115, 40.9696  |
| YIQ         | 206.8950, 39.6600, -2.9000 |

# Conversions

## Conversions Part 2

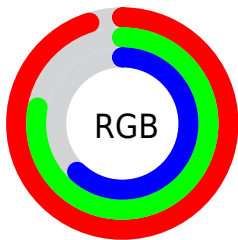
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 243, 234, 158                  |
| Decimal                             | 15976094                       |
| CIE Lab                             | 82.87, 10.55, 26.07            |
| CIE LCh                             | 83, 28.125, 67.970             |
| Yxy                                 | 61.9115, 0.3810,<br>0.3725     |
| Android<br>(android.graphics.Color) | 4294166174<br>(0xFFFF3C69E)    |
| YUV                                 | 206.8950, -24.1052,<br>31.6641 |
| Hunter-Lab                          | 78.6839, 5.9589,<br>24.2072    |

# Details

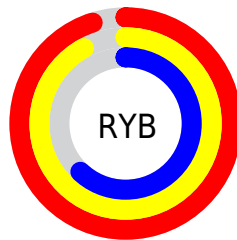
The Yxy color  $61.9115, 0.3810, 0.3725$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $56.4488, 0.2568, 0.2808$ , and the grayscale version is  $62.4664, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $97.5841, 0.3376, 0.3701$ , and  $31.3014, 0.3981, 0.3825$  is the 20% darker color. If you saturate the color by 10%, you get  $55.5260, 0.4064, 0.3850$ , and if you desaturate by 10%, it is  $68.9675, 0.3582, 0.3596$ .

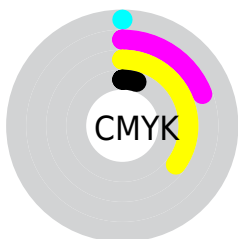
# Distribution



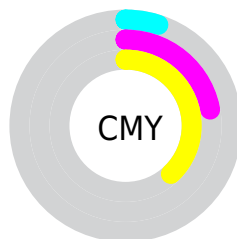
- Red (95%)
- Green (78%)
- Blue (62%)



- Red (95%)
- Yellow (92%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (5%)




- Cyan (5%)
- Magenta (22%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9115, 0.3810, 0.3725 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 61.9115, 0.3810, 0.3725 by changing the saturation by 10% instead.




 61.9115, 0.3810,  
0.3725


 61.9115, 0.3810,  
0.3725


431.6082, 0.3484,  
0.3527

 44.9612, 0.3886,  
0.3769


 107.5976, 0.3695,  
0.3657

 31.4269, 0.3981,  
0.3822


 137.1022, 0.3651,  
0.3631

 20.9241, 0.4102,  
0.3887


171.5604, 0.3613,  
0.3607

 13.0685, 0.4261,  
0.3967

211.3565, 0.3580,  
0.3587

 7.4758, 0.4475,  
0.4067

256.8749, 0.3552,  
0.3569

 3.7614, 0.4777,  
0.4185

308.5001, 0.3526,

 1.5410, 0.5482,

0.3553

0.4518

366.6164, 0.3504,  
0.3539

0.3173, 0.6379,  
0.3621

0.0000, 0.0000,  
0.0000

61.9115, 0.3810,  
0.3725

61.9115, 0.3810,  
0.3725

55.5260, 0.4064,  
0.3850

68.9675, 0.3582,  
0.3596

49.7802, 0.4341,  
0.3962

76.7061, 0.3381,  
0.3469

44.6534, 0.4631,  
0.4049

85.1502, 0.3205,  
0.3348

40.1198, 0.4920,  
0.4099

94.3049, 0.3055,  
0.3236

■ 36.1513, 0.5189,  
0.4099

■ 97.7912, 0.3053,  
0.3290

■ 32.7158, 0.5418,  
0.4043

■ 31.1697, 0.5519,  
0.4000

# Harmonies

## Analogous

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



61.9115, 0.3821, 0.3453



61.9115, 0.3810, 0.3725



61.9115, 0.3609, 0.3903

# Triad

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



61.9115, 0.3810, 0.3725



61.9115, 0.2638, 0.3400



61.9115, 0.2940, 0.2745

# Complementary

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



61.9115, 0.3810, 0.3725



56.4488, 0.2568, 0.2808

# 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.



61.9115, 0.2646, 0.2709



61.9115, 0.3810, 0.3725



61.9115, 0.2480, 0.3063

# Square

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



61.9115, 0.3810, 0.3725



61.9115, 0.2929, 0.3724



61.9115, 0.2483, 0.2817



61.9115, 0.3302, 0.2907



# Rectangle

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



61.9115, 0.3810, 0.3725



61.9115, 0.3400, 0.3931



61.9115, 0.2483, 0.2817



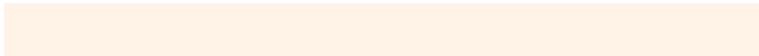
61.9115, 0.2831, 0.2718

# Sweetspot

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



61.9144, 0.3810, 0.3725



90.1538, 0.3291, 0.3408



47.8403, 0.3517, 0.2804



19.0143, 0.3316, 0.3425



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.



61.9144, 0.3810, 0.3725



63.9259, 0.3989, 0.3815



83.9284, 0.3664, 0.4136



17.7688, 0.3282, 0.3402



17.3753, 0.5494, 0.4020



1.7311, 0.5289, 0.4183



# Inverse Universe

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



56.4488, 0.2568, 0.2808



56.9724, 0.2454, 0.2690



39.1801, 0.2496, 0.2275



17.3789, 0.2980, 0.3176



12.3863, 0.1799, 0.1676



1.2944, 0.1859, 0.1893



# Previews

## White Background



This preview shows how the Yxy color 61.9115, 0.3810, 0.3725 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 61.9115, 0.3810, 0.3725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

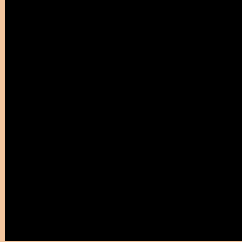
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.9115, 0.3810, 0.3725**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.9115, 0.3810, 0.3725.



This preview shows how white text looks on a background with the Yxy color 61.9115, 0.3810, 0.3725.

# 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

61.9115, 0.3810, 0.3725

### Protanopia

61.9669, 0.3562, 0.3798

### Deuteranopia

61.9115, 0.3810, 0.3725



## Tritanopia

61.6743, 0.3479, 0.3133

# Trichromacy



**Original Color**

61.9115, 0.3810, 0.3725

**Protanomaly**

61.7791, 0.3644, 0.3766

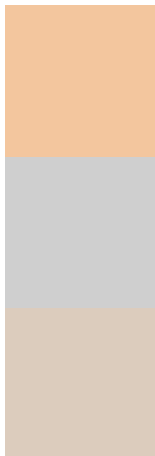
**Deuteranomaly**

61.9115, 0.3810, 0.3725

**Tritanomaly**

61.8505, 0.3595, 0.3345

# Monochromacy



**Original Color**

61.9115, 0.3810, 0.3725

**Achromatopsia**

62.3960, 0.3127, 0.3290

**Achromatomaly**

62.0755, 0.3362, 0.3462

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.9115, 0.3810, 0.3725 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(243, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(243, 198, 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(243, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 198, 158) }
```

## Border

The CSS property to change the border of an element to Yxy 61.9115, 0.3810, 0.3725 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(243, 198, 158) }
```

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

```
.border{ border-color:rgb(243, 198, 158) }
```

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

Here you see how a box with a 4 pixel rgb(243, 198, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 198, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 198, 158);  
box-shadow:4px 4px 4px 4px rgb(243, 198,  
158) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.9115, 0.3810, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 198, 158) }
```

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

```
.background{ background-color: rgb(243,  
198, 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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