

# Converting Colors

$Yxy(60.3892, 0.3829, 0.3731)$

Have a look what the booklet for  
Yxy(60.3892, 0.3829, 0.3731)  
contains.

<b>Yxy(60.0975, 0.3829, 0.3729)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(60.0975, 0.3829, 0.3729)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1C39B
RGB	241, 195, 155
RGB Percent	95%, 76%, 61%
CMY	0.0549, 0.2353, 0.3922
CMYK	0.00, 0.19, 0.36, 0.05
HSL	28°, 75%, 78%
HSV	28°, 36%, 95%
XYZ	61.7091, 60.0975, 39.3559
YIQ	204.1940, 40.2560, -2.6880

# Conversions

## Conversions Part 2

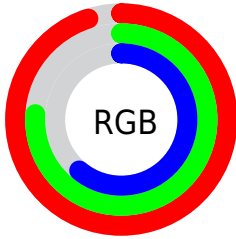
Format	Color
R <sub>Y</sub> B	241, 230, 155
Decimal	15844251
CIE Lab	81.89, 11.01, 26.31
CIE LCh	82, 28.521, 67.297
Yxy	60.0975, 0.3829, 0.3729
Android (android.graphics.Color)	4294034331 (0xFFFF1C39B)
YUV	204.1940, -24.2526, 32.2789
Hunter-Lab	77.5226, 6.4241, 24.1661

# Details

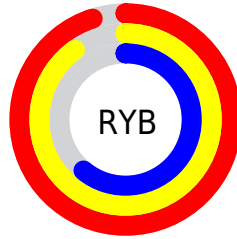
The Yxy color **60.0975, 0.3829, 0.3729** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0947, 0.2558, 0.2803**, and the grayscale version is **60.6517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5340, 0.3398, 0.3703**, and **30.1165, 0.3998, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **53.8399, 0.4086, 0.3852**, and if you desaturate by 10%, it is **67.0211, 0.3598, 0.3602**.

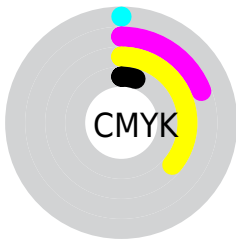
# Distribution



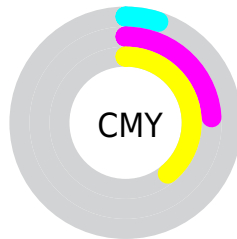
- Red (95%)
- Green (76%)
- Blue (61%)



- Red (95%)
- Yellow (90%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (5%)




- Cyan (5%)
- Magenta (24%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0975, 0.3829, 0.3729 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 60.0975, 0.3829, 0.3729 by changing the saturation by 10% instead.





 60.0975, 0.3829,  
0.3729


 60.0975, 0.3829,  
0.3729


424.9571, 0.3492,  
0.3528

 43.4972, 0.3908,  
0.3773


 104.9711, 0.3710,  
0.3660

 30.2754, 0.4007,  
0.3827


 134.0132, 0.3664,  
0.3633

 20.0478, 0.4133,  
0.3892

167.9714, 0.3625,  
0.3610

 12.4298, 0.4299,  
0.3973

207.2300, 0.3592,  
0.3589

 7.0371, 0.4524,  
0.4073

252.1735, 0.3562,  
0.3571

 3.4853, 0.4846,  
0.4192

303.1862, 0.3536,

 1.3900, 0.5528,

0.3555

0.4472

360.6526, 0.3513,  
0.3541

0.2094, 0.6908,  
0.3092

0.0000, 0.0000,  
0.0000

60.0975, 0.3829,  
0.3729

60.0975, 0.3829,  
0.3729

53.8399, 0.4086,  
0.3852

67.0211, 0.3598,  
0.3602

48.2176, 0.4366,  
0.3961

74.6232, 0.3395,  
0.3476

43.2098, 0.4659,  
0.4045

82.9265, 0.3217,  
0.3355

38.7907, 0.4950,  
0.4090

91.9501, 0.3064,  
0.3242

■ 34.9319, 0.5220,  
0.4085

■ 97.4424, 0.3041,  
0.3290

■ 31.6011, 0.5448,  
0.4025

■ 30.3122, 0.5535,  
0.3987

# Harmonies

## Analogous

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



60.0975, 0.3836, 0.3449



60.0975, 0.3829, 0.3729



60.0975, 0.3626, 0.3915

# Triad

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



60.0975, 0.3829, 0.3729



60.0975, 0.2632, 0.3410



60.0975, 0.2928, 0.2731

# Complementary

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



60.0975, 0.3829, 0.3729



55.0947, 0.2558, 0.2803

# 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.



60.0975, 0.2630, 0.2697



60.0975, 0.3829, 0.3729



60.0975, 0.2467, 0.3064

# Square

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



60.0975, 0.3829, 0.3729



60.0975, 0.2931, 0.3741



60.0975, 0.2467, 0.2809



60.0975, 0.3298, 0.2894



# Rectangle

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



60.0975, 0.3829, 0.3729



60.0975, 0.3414, 0.3948



60.0975, 0.2467, 0.2809



60.0975, 0.2816, 0.2704

# Sweetspot

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



60.1003, 0.3829, 0.3729



89.1214, 0.3309, 0.3419



46.4228, 0.3514, 0.2779



18.8033, 0.3333, 0.3435



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.



60.1003, 0.3829, 0.3729



62.9531, 0.4018, 0.3821



81.4686, 0.3679, 0.4140



16.9707, 0.3282, 0.3400



16.7004, 0.5508, 0.4008



1.5866, 0.5291, 0.4181



# Inverse Universe

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



55.0947, 0.2558, 0.2803



56.4573, 0.2439, 0.2680



38.2185, 0.2484, 0.2269



16.6290, 0.2980, 0.3177



12.2176, 0.1805, 0.1697



1.2154, 0.1867, 0.1922



# Previews

## White Background



This preview shows how the Yxy color 60.0975, 0.3829, 0.3729 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

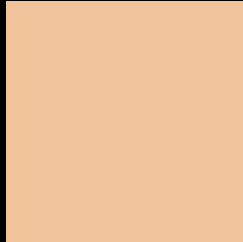
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.0975, 0.3829, 0.3729 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

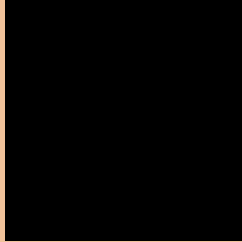
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.0975, 0.3829, 0.3729**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.0975, 0.3829, 0.3729.



This preview shows how white text looks on a background with the Yxy color 60.0975, 0.3829, 0.3729.

# 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

60.0975, 0.3829, 0.3729

### Protanopia

60.4406, 0.3565, 0.3816

### Deuteranopia

60.3717, 0.3817, 0.3741



## Tritanopia

59.8711, 0.3493, 0.3132

# Trichromacy



## Original Color

60.0975, 0.3829, 0.3729

## Protanomaly

60.4107, 0.3657, 0.3781

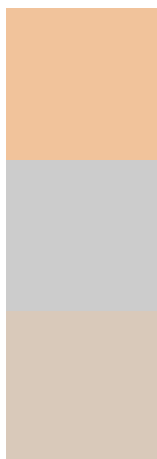
## Deuteranomaly

60.3717, 0.3817, 0.3741

## Tritanomaly

60.0399, 0.3611, 0.3345

# Monochromacy



## Original Color

60.0975, 0.3829, 0.3729

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.0702, 0.3366, 0.3464

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.0975, 0.3829, 0.3729 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(241, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(241, 195, 155)  
}
```

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(241, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 195, 155) }
```

## Border

The CSS property to change the border of an element to Yxy 60.0975, 0.3829, 0.3729 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(241, 195, 155) }
```

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

```
.border{ border-color:rgb(241, 195, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(241, 195,  
155) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.0975, 0.3829, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 195, 155) }
```

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

```
.background{ background-color: rgb(241,  
195, 155) }
```

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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