

# Converting Colors

Yxy(60.9124, 0.3409, 0.3302)

Have a look what the booklet for  
Yxy(60.9124, 0.3409, 0.3302)  
contains.

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# Color

**Yxy(60.9070, 0.3409, 0.3302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7C5C4
RGB	231, 197, 196
RGB Percent	91%, 77%, 77%
CMY	0.0942, 0.2274, 0.2314
CMYK	0.00, 0.15, 0.15, 0.09
HSL	2°, 42%, 84%
HSV	2°, 15%, 91%
XYZ	62.8807, 60.9070, 60.6672
YIQ	207.0520, 20.5850, 6.8970

# Conversions

## Conversions Part 2

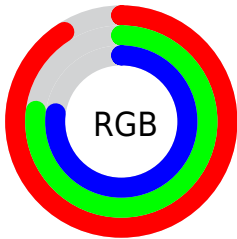
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 197, 196
Decimal	15189444
CIE Lab	82.33, 11.84, 4.96
CIE LCh	82, 12.840, 22.715
Yxy	60.9070, 0.3409, 0.3302
Android (android.graphics.Color)	4293379524 (0xFFE7C5C4)
YUV	207.0520, -5.4486, 21.0024
Hunter-Lab	78.0429, 7.2457, 8.5406

# Details

The Yxy color **60.9070, 0.3409, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0826, 0.2897, 0.3278**, and the grayscale version is **62.4585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2355, 0.3139, 0.3300**, and **30.7119, 0.3486, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **50.4965, 0.3654, 0.3311**, and if you desaturate by 10%, it is **73.0006, 0.3212, 0.3294**.

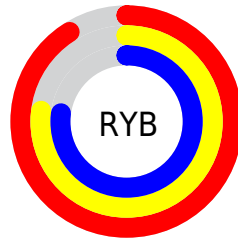
# Distribution



Red (91%)

Green (77%)

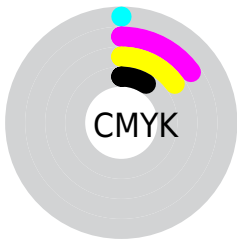
Blue (77%)



Red (91%)

Yellow (77%)

Blue (77%)

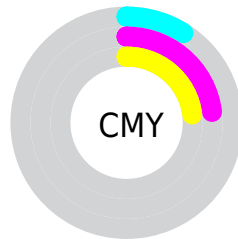


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (9%)



Cyan (9%)

Magenta (23%)


Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9070, 0.3409, 0.3302 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 60.9070, 0.3409, 0.3302 by changing the saturation by 10% instead.




 60.9070, 0.3409,  
0.3302

 60.9070, 0.3409,  
0.3302


427.9329, 0.3274,  
0.3298

 44.1501, 0.3441,  
0.3303


106.1443, 0.3361,  
0.3301

 30.7885, 0.3482,  
0.3303


135.3934, 0.3343,  
0.3300

 20.4379, 0.3534,  
0.3304


169.5755, 0.3327,  
0.3300

 12.7137, 0.3605,  
0.3304

209.0748, 0.3313,  
0.3299

 7.2317, 0.3706,  
0.3303

254.2759, 0.3302,  
0.3299

 3.6074, 0.3859,  
0.3299

305.5630, 0.3291,

 1.4565, 0.4121,

0.3298

0.3285

363.3205, 0.3282,  
0.3298

0.2578, 0.6745,  
0.3255

0.0000, 0.0000,  
0.0000

60.9070, 0.3409,  
0.3302

60.9070, 0.3409,  
0.3302

50.4965, 0.3654,  
0.3311

73.0006, 0.3212,  
0.3294

41.6869, 0.3957,  
0.3320

86.8385, 0.3055,  
0.3287

34.4012, 0.4325,  
0.3328

95.7259, 0.2981,  
0.3290

28.5529, 0.4755,  
0.3335

■ 24.0471, 0.5226,  
0.3338

■ 20.7771, 0.5690,  
0.3336

■ 18.6204, 0.6076,  
0.3327

■ 17.4292, 0.6317,  
0.3314

■ 17.1307, 0.6385,  
0.3312

# Harmonies

## Analogous

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



60.9070, 0.3288, 0.3165



60.9070, 0.3409, 0.3302



60.9070, 0.3452, 0.3440

# Triad

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



60.9070, 0.3409, 0.3302



60.9070, 0.3122, 0.3535



60.9070, 0.2853, 0.3037

# Complementary

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



60.9070, 0.3409, 0.3302



74.0826, 0.2897, 0.3278

# 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.



60.9070, 0.2812, 0.3128



60.9070, 0.3409, 0.3302



60.9070, 0.2965, 0.3419

# Square

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



60.9070, 0.3409, 0.3302



60.9070, 0.3284, 0.3579



60.9070, 0.2853, 0.3268



60.9070, 0.2967, 0.3014



# Rectangle

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



60.9070, 0.3409, 0.3302



60.9070, 0.3431, 0.3514



60.9070, 0.2853, 0.3268



60.9070, 0.2831, 0.3060

# Sweetspot

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



60.9097, 0.3409, 0.3302



91.5587, 0.3210, 0.3294



62.2025, 0.3149, 0.2922



19.3529, 0.3223, 0.3294



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.



60.9097, 0.3409, 0.3302



72.1719, 0.3476, 0.3305



69.1028, 0.3381, 0.3488



14.4343, 0.3292, 0.3297



9.6361, 0.6379, 0.3317



0.7358, 0.6318, 0.3366



# Inverse Universe

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



74.0826, 0.2897, 0.3278



91.4672, 0.2855, 0.3276



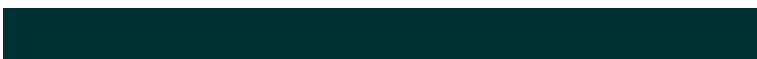
65.0474, 0.2890, 0.3084



16.2612, 0.2982, 0.3283



33.2544, 0.2222, 0.3200



2.4800, 0.2226, 0.3213



# Previews

## White Background



This preview shows how the Yxy color 60.9070, 0.3409, 0.3302 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 60.9070, 0.3409, 0.3302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

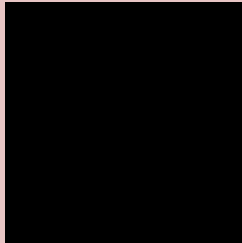
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.9070, 0.3409, 0.3302**

## Background



This preview shows how black text looks on a background with the Yxy color 60.9070, 0.3409, 0.3302.



This preview shows how white text looks on a background with the Yxy color 60.9070, 0.3409, 0.3302.

# 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

60.9070, 0.3409, 0.3302

### Protanopia

61.0575, 0.3202, 0.3337

### Deuteranopia

60.8677, 0.3383, 0.3313



## Tritanopia

61.0070, 0.3319, 0.3127

# Trichromacy



## Original Color

60.9070, 0.3409, 0.3302

## Protanomaly

60.8022, 0.3275, 0.3313

## Deuteranomaly

61.0317, 0.3391, 0.3313

## Tritanomaly

61.0434, 0.3348, 0.3192

# Monochromacy



## Original Color

60.9070, 0.3409, 0.3302

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

61.6226, 0.3228, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9070, 0.3409, 0.3302 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(231, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 196)  
}
```

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(231, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 196) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9070, 0.3409, 0.3302 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(231, 197, 196) }
```

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

```
.border{ border-color:rgb(231, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
196) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9070, 0.3409, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 197, 196) }
```

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

```
.background{ background-color: rgb(231,  
197, 196) }
```

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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