

# Converting Colors

$Yxy(62.6880, 0.3281, 0.3232)$

Have a look what the booklet for  
Yxy(62.6880, 0.3281, 0.3232)  
contains.

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# Color

**Yxy(62.9148, 0.3278, 0.3235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CACF
RGB	226, 202, 207
RGB Percent	89%, 79%, 81%
CMY	0.1137, 0.2078, 0.1882
CMYK	0.00, 0.11, 0.08, 0.11
HSL	348°, 29%, 84%
HSV	348°, 11%, 89%
XYZ	63.7511, 62.9148, 67.8157
YIQ	209.7460, 12.6990, 6.6430

# Conversions

## Conversions Part 2

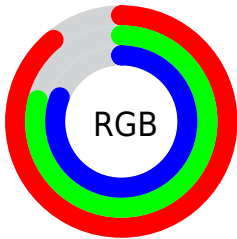
Format	Color
R <sub>Y</sub> B	226, 202, 207
Decimal	14863055
CIE Lab	83.40, 9.24, 0.58
CIE LCh	83, 9.257, 3.564
Yxy	62.9148, 0.3278, 0.3235
Android (android.graphics.Color)	4293053135 (0xFFE2CACF)
YUV	209.7460, -1.3538, 14.2548
Hunter-Lab	79.3189, 4.6581, 4.8317

# Details

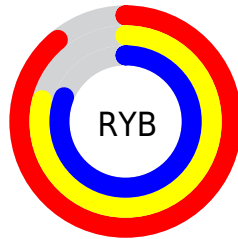
The Yxy color **62.9148, 0.3278, 0.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1803, 0.2995, 0.3346**, and the grayscale version is **64.2792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1376, 0.3318, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **52.2503, 0.3455, 0.3180**, and if you desaturate by 10%, it is **75.2373, 0.3135, 0.3287**.

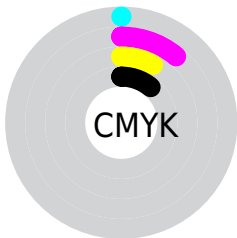
# Distribution



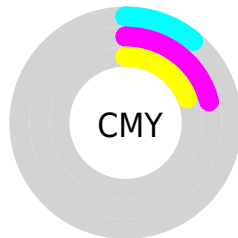
- Red (89%)
- Green (79%)
- Blue (81%)



- Red (89%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (11%)




- Cyan (11%)
- Magenta (21%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9148, 0.3278, 0.3235 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 62.9148, 0.3278, 0.3235 by changing the saturation by 10% instead.




 62.9148, 0.3278,  
0.3235

 62.9148, 0.3278,  
0.3235


435.2602, 0.3206,  
0.3261

 45.7723, 0.3295,  
0.3229


109.0466, 0.3253,  
0.3244

 32.0662, 0.3316,  
0.3221


138.8046, 0.3243,  
0.3248

 21.4120, 0.3343,  
0.3211


173.5367, 0.3235,  
0.3251

 13.4255, 0.3380,  
0.3197

213.6271, 0.3227,  
0.3254

 7.7222, 0.3431,  
0.3178

259.4602, 0.3221,  
0.3256

 3.9177, 0.3509,  
0.3149

311.4205, 0.3216,

 1.6276, 0.3639,

0.3258

0.3100

369.8924, 0.3211,  
0.3260

0.3761, 0.4389,  
0.2831

0.0000, 0.0000,  
0.0000

62.9148, 0.3278,  
0.3235

62.9148, 0.3278,  
0.3235

52.2503, 0.3455,  
0.3180

75.2373, 0.3135,  
0.3287

43.1650, 0.3673,  
0.3123

89.2759, 0.3020,  
0.3335

35.5860, 0.3939,  
0.3067

94.9117, 0.2952,  
0.3289

29.4315, 0.4258,  
0.3018

■ 24.6117, 0.4627,  
0.2982

■ 21.0268, 0.5032,  
0.2970

■ 18.5625, 0.5441,  
0.2990

■ 17.0833, 0.5809,  
0.3048

■ 16.3775, 0.6080,  
0.3123

# Harmonies

## Analogous

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



62.9148, 0.3170, 0.3149



62.9148, 0.3278, 0.3235



62.9148, 0.3346, 0.3337

# Triad

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



62.9148, 0.3278, 0.3235



62.9148, 0.3200, 0.3490



62.9148, 0.2905, 0.3147

# Complementary

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



62.9148, 0.3278, 0.3235



72.1803, 0.2995, 0.3346

# 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.



62.9148, 0.2913, 0.3237



62.9148, 0.3278, 0.3235



62.9148, 0.3082, 0.3438

# Square

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



62.9148, 0.3278, 0.3235



62.9148, 0.3300, 0.3486



62.9148, 0.2977, 0.3344



62.9148, 0.2956, 0.3097



# Rectangle

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



62.9148, 0.3278, 0.3235



62.9148, 0.3358, 0.3401



62.9148, 0.2977, 0.3344



62.9148, 0.2901, 0.3173

# Sweetspot

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



62.9176, 0.3278, 0.3235



94.8318, 0.3167, 0.3275



63.0757, 0.3100, 0.3026



20.0097, 0.3178, 0.3271



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.



62.9176, 0.3278, 0.3235



79.0664, 0.3318, 0.3222



65.9411, 0.3307, 0.3366



13.7470, 0.3259, 0.3241



9.3557, 0.6045, 0.3104



0.6615, 0.5618, 0.2868



# Inverse Universe

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



62.9176, 0.3278, 0.3235



79.0664, 0.3318, 0.3222



68.8226, 0.2963, 0.3213



13.7470, 0.3259, 0.3241



9.3557, 0.6045, 0.3104



0.6615, 0.5618, 0.2868



# Previews

## White Background



This preview shows how the Yxy color 62.9148, 0.3278, 0.3235 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

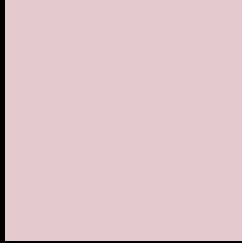
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.9148, 0.3278, 0.3235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

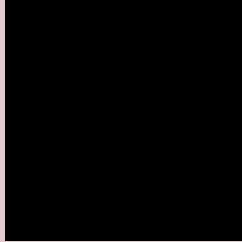
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.9148, 0.3278, 0.3235**

## Background



This preview shows how black text looks on a background with the Yxy color 62.9148, 0.3278, 0.3235.



This preview shows how white text looks on a background with the Yxy color 62.9148, 0.3278, 0.3235.

# 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

62.9148, 0.3278, 0.3235

### Protanopia

63.1277, 0.3136, 0.3256

### Deuteranopia

62.7723, 0.3295, 0.3224



## Tritanopia

63.0620, 0.3220, 0.3126

# Trichromacy



## Original Color

62.9148, 0.3278, 0.3235

## Protanomaly

62.8650, 0.3183, 0.3245

## Deuteranomaly

62.6092, 0.3287, 0.3224

## Tritanomaly

62.9083, 0.3242, 0.3158

# Monochromacy



## Original Color

62.9148, 0.3278, 0.3235

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.8280, 0.3181, 0.3268

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.9148, 0.3278, 0.3235 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(226, 202, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 207)  
}
```

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(226, 202, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 207) }
```

## Border

The CSS property to change the border of an element to Yxy 62.9148, 0.3278, 0.3235 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(226, 202, 207) }
```

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

```
.border{ border-color:rgb(226, 202, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 202, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 202, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 202, 207); box-shadow:4px 4px 4px 4px rgb(226, 202, 207) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.9148, 0.3278, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 207) }
```

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

```
.background{ background-color: rgb(226,  
202, 207) }
```

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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