

# Converting Colors

$Yxy(62.7694, 0.3300, 0.3268)$

Have a look what the booklet for  
Yxy(62.7694, 0.3300, 0.3268)  
contains.

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# Color

**Yxy(62.7694, 0.3300, 0.3268)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2CACC
RGB	226, 202, 204
RGB Percent	89%, 79%, 80%
CMY	0.1138, 0.2078, 0.1999
CMYK	0.00, 0.11, 0.10, 0.11
HSL	355°, 29%, 84%
HSV	355°, 11%, 89%
XYZ	63.3840, 62.7694, 65.9194
YIQ	209.4040, 13.6620, 5.7100

# Conversions

## Conversions Part 2

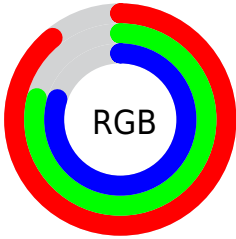
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 202, 204
Decimal	14863052
CIE Lab	83.32, 8.73, 2.05
CIE LCh	83, 8.965, 13.222
Yxy	62.7694, 0.3300, 0.3268
Android (android.graphics.Color)	4293053132 (0xFFE2CACC)
YUV	209.4040, -2.6642, 14.5547
Hunter-Lab	79.2271, 4.1577, 6.1279

# Details

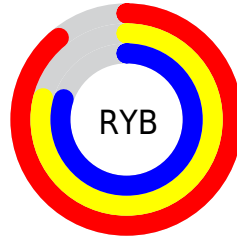
The Yxy color **62.7694, 0.3300, 0.3268** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3254, 0.2977, 0.3312**, and the grayscale version is **64.0510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.0397, 0.3348, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **52.0038, 0.3504, 0.3246**, and if you desaturate by 10%, it is **75.2255, 0.3136, 0.3289**.

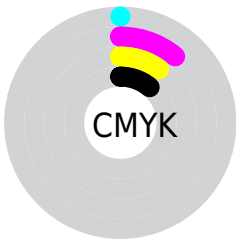
# Distribution



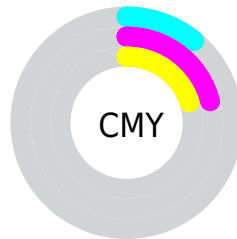
- Red (89%)
- Green (79%)
- Blue (80%)



- Red (89%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (11%)




- Cyan (11%)
- Magenta (21%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7694, 0.3300, 0.3268 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 62.7694, 0.3300, 0.3268 by changing the saturation by 10% instead.



 62.7694, 0.3300,  
0.3268

 62.7694, 0.3300,  
0.3268


434.7321, 0.3218,  
0.3279

 45.6547, 0.3319,  
0.3265


108.8368, 0.3271,  
0.3272

 31.9734, 0.3344,  
0.3262


138.5582, 0.3260,  
0.3273

 21.3412, 0.3375,  
0.3257


173.2506, 0.3250,  
0.3275

 13.3736, 0.3417,  
0.3251

213.2985, 0.3242,  
0.3276

 7.6863, 0.3477,  
0.3242

259.0862, 0.3235,  
0.3277

 3.8949, 0.3567,  
0.3228

310.9981, 0.3228,

 1.6149, 0.3719,

0.3278

0.3202

369.4186, 0.3223,  
0.3278

0.3676, 0.4738,  
0.3097

0.0000, 0.0000,  
0.0000

62.7694, 0.3300,  
0.3268

62.7694, 0.3300,  
0.3268

52.0038, 0.3504,  
0.3246

75.2255, 0.3136,  
0.3289

42.8478, 0.3759,  
0.3223

89.4316, 0.3004,  
0.3308

35.2268, 0.4071,  
0.3202

94.9073, 0.2952,  
0.3289

29.0565, 0.4446,  
0.3183

■ 24.2449, 0.4876,  
0.3172

■ 20.6893, 0.5335,  
0.3174

■ 18.2724, 0.5771,  
0.3191

■ 16.8546, 0.6118,  
0.3223

■ 16.2146, 0.6323,  
0.3257

# Harmonies

## Analogous

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



62.7694, 0.3205, 0.3177



62.7694, 0.3300, 0.3268



62.7694, 0.3348, 0.3366

# Triad

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



62.7694, 0.3300, 0.3268



62.7694, 0.3161, 0.3473



62.7694, 0.2922, 0.3131

# Complementary

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



62.7694, 0.3300, 0.3268



72.3254, 0.2977, 0.3312

# 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.



62.7694, 0.2911, 0.3207



62.7694, 0.3300, 0.3268



62.7694, 0.3048, 0.3408

# Square

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



62.7694, 0.3300, 0.3268



62.7694, 0.3267, 0.3487



62.7694, 0.2957, 0.3309



62.7694, 0.2987, 0.3098



# Rectangle

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



62.7694, 0.3300, 0.3268



62.7694, 0.3347, 0.3424



62.7694, 0.2957, 0.3309



62.7694, 0.2912, 0.3152

# Sweetspot

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



62.7722, 0.3300, 0.3268



94.7728, 0.3172, 0.3284



63.5166, 0.3121, 0.3028



19.9938, 0.3185, 0.3282



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.



62.7722, 0.3300, 0.3268



78.8399, 0.3346, 0.3263



67.3191, 0.3303, 0.3396



13.7192, 0.3279, 0.3271



9.2583, 0.6303, 0.3246



0.6483, 0.6050, 0.3107



# Inverse Universe

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



62.7722, 0.3300, 0.3268



78.8399, 0.3346, 0.3263



67.3633, 0.2963, 0.3181



13.7192, 0.3279, 0.3271



9.2583, 0.6303, 0.3246



0.6483, 0.6050, 0.3107



# Previews

## White Background



This preview shows how the Yxy color 62.7694, 0.3300, 0.3268 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 62.7694, 0.3300, 0.3268 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

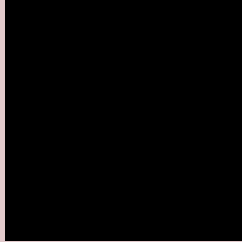
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.7694, 0.3300, 0.3268**

## Background



This preview shows how black text looks on a background with the Yxy color 62.7694, 0.3300, 0.3268.



This preview shows how white text looks on a background with the Yxy color 62.7694, 0.3300, 0.3268.

# 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

62.7694, 0.3300, 0.3268

### Protanopia

62.9795, 0.3157, 0.3290

### Deuteranopia

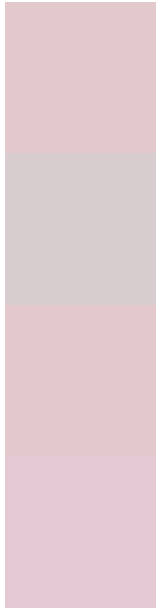
62.7909, 0.3325, 0.3258



## Tritanopia

62.7604, 0.3229, 0.3115

# Trichromacy



## Original Color

62.7694, 0.3300, 0.3268

## Protanomaly

62.7178, 0.3204, 0.3279

## Deuteranomaly

62.6269, 0.3317, 0.3257

## Tritanomaly

62.8576, 0.3250, 0.3169

# Monochromacy



## Original Color

62.7694, 0.3300, 0.3268

## Achromatopsia

63.7597, 0.3127, 0.3290

## Achromatomaly

63.0947, 0.3189, 0.3279

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.7694, 0.3300, 0.3268 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 204) }
```

## Border

The CSS property to change the border of an element to Yxy 62.7694, 0.3300, 0.3268 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, 204) }
```

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

```
.border{ border-color:rgb(226, 202, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
204) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.7694, 0.3300, 0.3268 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, 204) }
```

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

```
.background{ background-color: rgb(226,  
202, 204) }
```

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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