

# Converting Colors

$Yxy(73.9491, 0.3157, 0.3297)$

Have a look what the booklet for  
Yxy(73.9491, 0.3157, 0.3297)  
contains.

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# Color

**Yxy(73.6852, 0.3155, 0.3290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2DEDE
RGB	226, 222, 222
RGB Percent	89%, 87%, 87%
CMY	0.1139, 0.1293, 0.1293
CMYK	0.00, 0.02, 0.02, 0.11
HSL	360°, 6%, 88%
HSV	360°, 2%, 89%
XYZ	70.6616, 73.6852, 79.6203
YIQ	223.1960, 2.3840, 0.8480

# Conversions

## Conversions Part 2

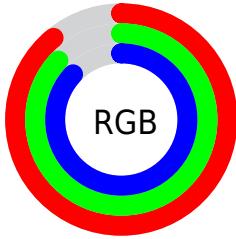
Format	Color
R <sub>Y</sub> B	226, 222, 222
Decimal	14868190
CIE Lab	88.77, 1.34, 0.46
CIE LCh	89, 1.418, 18.895
Yxy	73.6852, 0.3155, 0.3290
Android (android.graphics.Color)	4293058270 (0xFFE2DEDE)
YUV	223.1960, -0.5896, 2.4591
Hunter-Lab	85.8401, -3.2829, 5.0941

# Details

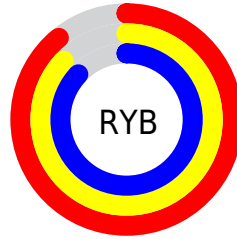
The Yxy color **73.6852, 0.3155, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.3890, 0.3100, 0.3290**, and the grayscale version is **73.9400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0854, 0.3164, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **61.3475, 0.3338, 0.3290**, and if you desaturate by 10%, it is **87.7997, 0.3009, 0.3290**.

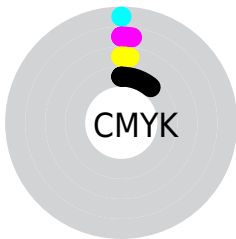
# Distribution



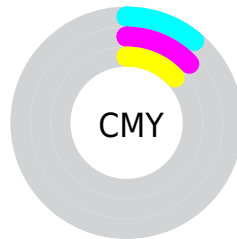
- Red (89%)
- Green (87%)
- Blue (87%)



- Red (89%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6852, 0.3155, 0.3290 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 73.6852, 0.3155, 0.3290 by changing the saturation by 10% instead.



■ 73.6852, 0.3155,  
0.3290

■ 73.6852, 0.3155,  
0.3290

473.3862, 0.3142,  
0.3290

■ 54.5364, 0.3158,  
0.3290

124.4495, 0.3151,  
0.3290

■ 39.0307, 0.3162,  
0.3290

156.8337, 0.3149,  
0.3290

■ 26.7836, 0.3166,  
0.3290

194.3986, 0.3147,  
0.3290

■ 17.4108, 0.3172,  
0.3290

237.5285, 0.3146,  
0.3290

■ 10.5278, 0.3180,  
0.3290

286.6078, 0.3145,  
0.3290

■ 5.7503, 0.3192,  
0.3290

342.0210, 0.3144,

■ 2.6938, 0.3211,

0.3290

404.1523, 0.3143,  
0.3290

0.3289

0.9741, 0.3245,  
0.3289

0.0000, 0.0000,  
0.0000

73.6852, 0.3155,  
0.3290

73.6852, 0.3155,  
0.3290

61.3475, 0.3338,  
0.3290

87.7997, 0.3009,  
0.3290

50.7072, 0.3567,  
0.3291

94.9015, 0.2952,  
0.3289

41.6929, 0.3852,  
0.3291

34.2247, 0.4203,  
0.3292

■ 28.2156, 0.4620,  
0.3293

■ 23.5703, 0.5089,  
0.3294

■ 20.1822, 0.5568,  
0.3295

■ 17.9286, 0.5988,  
0.3297

■ 16.6626, 0.6274,  
0.3299

# Harmonies

## Analogous

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



73.6852, 0.3142, 0.3275



73.6852, 0.3155, 0.3290



73.6852, 0.3161, 0.3305

# Triad

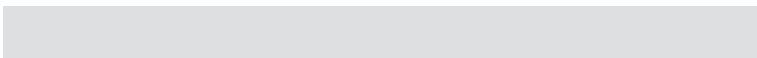
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6852, 0.3155, 0.3290



73.6852, 0.3129, 0.3316



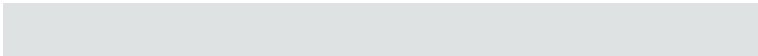
73.6852, 0.3098, 0.3265

# Complementary

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



73.6852, 0.3155, 0.3290



75.3890, 0.3100, 0.3290

# 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.



73.6852, 0.3094, 0.3276



73.6852, 0.3155, 0.3290



73.6852, 0.3112, 0.3305

# Square

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



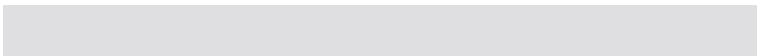
73.6852, 0.3155, 0.3290



73.6852, 0.3146, 0.3320



73.6852, 0.3100, 0.3290



73.6852, 0.3109, 0.3261



# Rectangle

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



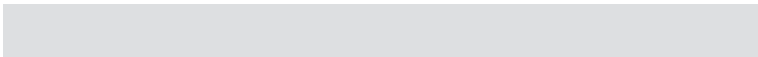
73.6852, 0.3155, 0.3290



73.6852, 0.3159, 0.3313



73.6852, 0.3100, 0.3290



73.6852, 0.3095, 0.3268

# Sweetspot

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



73.6884, 0.3155, 0.3290



98.2208, 0.3143, 0.3290



73.8912, 0.3129, 0.3248



21.0421, 0.3142, 0.3290



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.



73.6884, 0.3155, 0.3290



96.4654, 0.3159, 0.3290



74.7051, 0.3154, 0.3310



15.7251, 0.3157, 0.3290



9.2248, 0.6399, 0.3299



0.6395, 0.6395, 0.3296



# Inverse Universe

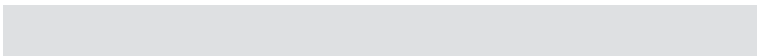
The Inverse Universe completely reimagines the original color for something new.



73.6884, 0.3155, 0.3290



96.4654, 0.3159, 0.3290



74.3601, 0.3101, 0.3269



15.7251, 0.3157, 0.3290



9.2248, 0.6399, 0.3299

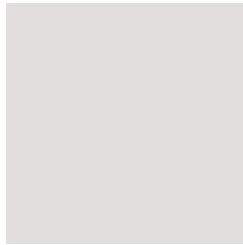


0.6395, 0.6395, 0.3296



# Previews

## White Background



This preview shows how the Yxy color 73.6852, 0.3155, 0.3290 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 73.6852, 0.3155, 0.3290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

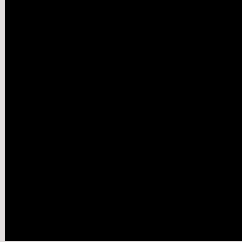
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

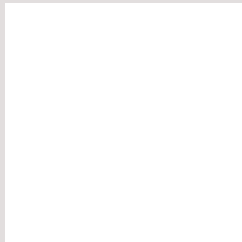
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 73.6852, 0.3155, 0.3290**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.6852, 0.3155, 0.3290.

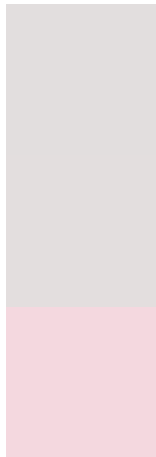


This preview shows how white text looks on a background with the Yxy color 73.6852, 0.3155, 0.3290.

# 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

73.6852, 0.3155, 0.3290

### Protanopia

73.8474, 0.3163, 0.3290

### Deuteranopia

73.6725, 0.3284, 0.3218



## Tritanopia

73.7948, 0.3072, 0.3111

# Trichromacy



## Original Color

73.6852, 0.3155, 0.3290

## Protanomaly

73.8474, 0.3163, 0.3290

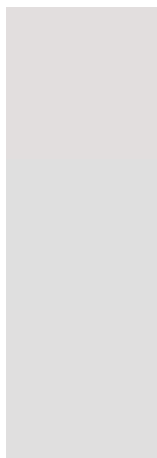
## Deuteranomaly

73.4750, 0.3231, 0.3238

## Tritanomaly

73.8700, 0.3097, 0.3173

# Monochromacy



## Original Color

73.6852, 0.3155, 0.3290

## Achromatopsia

73.7910, 0.3127, 0.3290

## Achromatomaly

73.9504, 0.3134, 0.3290

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.6852, 0.3155, 0.3290 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, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 222)  
}
```

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, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 222) }
```

## Border

The CSS property to change the border of an element to Yxy 73.6852, 0.3155, 0.3290 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, 222, 222) }
```

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

```
.border{ border-color:rgb(226, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
222) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.6852, 0.3155, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 222) }
```

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

```
.background{ background-color: rgb(226,  
222, 222) }
```

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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