

# Converting Colors

$Yxy(37.4250, 0.4016, 0.3246)$

Have a look what the booklet for  
Yxy(37.4250, 0.4016, 0.3246)  
contains.

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# Color

**Yxy(37.4250, 0.4016, 0.3246)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E38D91
RGB	227, 141, 145
RGB Percent	89%, 55%, 57%
CMY	0.1100, 0.4469, 0.4314
CMYK	0.00, 0.38, 0.36, 0.11
HSL	357°, 61%, 72%
HSV	357°, 38%, 89%
XYZ	46.3028, 37.4250, 31.5680
YIQ	167.1700, 49.9720, 19.4760

# Conversions

## Conversions Part 2

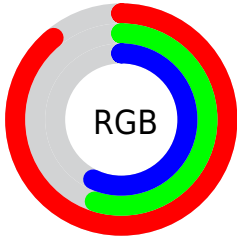
Format	Color
R <sub>Y</sub> B	227, 141, 145
Decimal	14912913
CIE Lab	67.59, 33.10, 11.76
CIE LCh	68, 35.127, 19.556
Yxy	37.4250, 0.4016, 0.3246
Android (android.graphics.Color)	4293102993 (0xFFE38D91)
YUV	167.1700, -10.9298, 52.4709
Hunter-Lab	61.1760, 28.0448, 12.2284

# Details

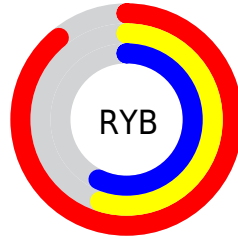
The Yxy color **37.4250, 0.4016, 0.3246** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9055, 0.2621, 0.3337**, and the grayscale version is **38.7683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8634, 0.3583, 0.3260**, and **16.4060, 0.4294, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **30.7985, 0.4390, 0.3236**, and if you desaturate by 10%, it is **45.5538, 0.3707, 0.3258**.

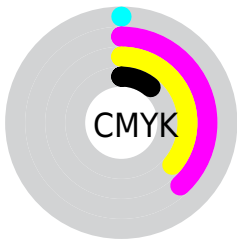
# Distribution



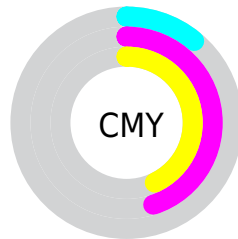
- Red (89%)
- Green (55%)
- Blue (57%)



- Red (89%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (36%)
- Black (11%)




- Cyan (11%)
- Magenta (45%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4250, 0.4016, 0.3246 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 37.4250, 0.4016, 0.3246 by changing the saturation by 10% instead.





 37.4250, 0.4016,  
0.3246

 37.4250, 0.4016,  
0.3246


335.1469, 0.3551,  
0.3281

 25.5367, 0.4138,  
0.3233


 71.2260, 0.3842,  
0.3262

 16.4774, 0.4299,  
0.3213


 93.9074, 0.3779,  
0.3267

 9.8626, 0.4517,  
0.3180


 120.9554, 0.3725,  
0.3271

 5.3079, 0.4833,  
0.3125

152.7543, 0.3680,  
0.3274

 2.4291, 0.5319,  
0.3018

189.6885, 0.3641,  
0.3276

 0.8408, 0.6660,  
0.3006

232.1424, 0.3607,


 0.0000, 1.0000,

0.3278


0.0000


280.5004, 0.3577,  
0.3280


 0.0000, 0.0000,  
0.0000


 37.4250, 0.4016,  
0.3246


 37.4250, 0.4016,  
0.3246

 30.7985, 0.4390,  
0.3236

 45.5538, 0.3707,  
0.3258

 25.5771, 0.4824,  
0.3230


 55.2632, 0.3457,  
0.3270

 21.6612, 0.5292,  
0.3230

 66.6327, 0.3256,  
0.3281

 18.9356, 0.5745,  
0.3239

 79.7348, 0.3096,  
0.3292

 17.2649, 0.6111,  
0.3256

 94.6378, 0.2967,  
0.3302

■ 16.4636, 0.6332,  
0.3278

■ 95.0633, 0.2958,  
0.3290

■ 16.3462, 0.6363,  
0.3279

# Harmonies

## Analogous

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



37.4250, 0.3584, 0.2865



37.4250, 0.4016, 0.3246



37.4250, 0.4183, 0.3662

# Triad

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



37.4250, 0.4016, 0.3246



37.4250, 0.3137, 0.4160



37.4250, 0.2266, 0.2515

# Complementary

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



37.4250, 0.4016, 0.3246



65.9055, 0.2621, 0.3337

# 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.



37.4250, 0.2173, 0.2781



37.4250, 0.4016, 0.3246



37.4250, 0.2648, 0.3769

# Square

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



37.4250, 0.4016, 0.3246



37.4250, 0.3649, 0.4241



37.4250, 0.2304, 0.3237



37.4250, 0.2571, 0.2456



# Rectangle

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



37.4250, 0.4016, 0.3246



37.4250, 0.4119, 0.3920



37.4250, 0.2304, 0.3237



37.4250, 0.2211, 0.2581

# Sweetspot

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



37.4268, 0.4016, 0.3246



81.7857, 0.3316, 0.3278



40.2365, 0.3132, 0.2346



17.0660, 0.3342, 0.3276



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.



37.4268, 0.4016, 0.3246



42.1503, 0.4288, 0.3238



50.7676, 0.3885, 0.3740



14.3787, 0.3285, 0.3280



9.5423, 0.6350, 0.3272



0.7090, 0.6211, 0.3195



# Inverse Universe

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



37.4268, 0.4016, 0.3246



42.1503, 0.4288, 0.3238



47.2991, 0.2528, 0.2787



14.3787, 0.3285, 0.3280



9.5423, 0.6350, 0.3272



0.7090, 0.6211, 0.3195



# Previews

## White Background



This preview shows how the Yxy color 37.4250, 0.4016, 0.3246 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

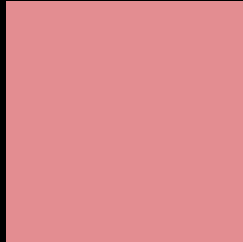
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 37.4250, 0.4016, 0.3246 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

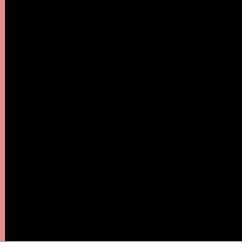
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 37.4250, 0.4016, 0.3246**

## Background



This preview shows how black text looks on a background with the Yxy color 37.4250, 0.4016, 0.3246.



This preview shows how white text looks on a background with the Yxy color 37.4250, 0.4016, 0.3246.

# 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

37.4250, 0.4016, 0.3246

### Protanopia

37.5313, 0.3246, 0.3390

### Deuteranopia

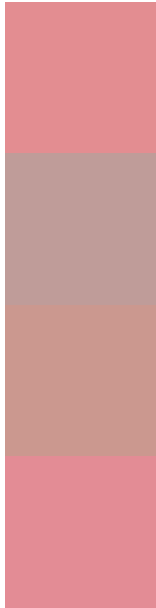
37.5681, 0.3588, 0.3522



## Tritanopia

37.3214, 0.3953, 0.3163

# Trichromacy



**Original Color**

37.4250, 0.4016, 0.3246

**Protanomaly**

37.1532, 0.3508, 0.3331

**Deuteranomaly**

37.1362, 0.3746, 0.3408

**Tritanomaly**

37.2570, 0.3976, 0.3187

# Monochromacy



**Original Color**

37.4250, 0.4016, 0.3246

**Achromatopsia**

38.6429, 0.3127, 0.3290

**Achromatomaly**

37.7757, 0.3425, 0.3277

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.4250, 0.4016, 0.3246 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(227, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(227, 141, 145)  
}
```

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(227, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 141, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 37.4250, 0.4016, 0.3246 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(227, 141, 145) }
```

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

```
.border{ border-color:rgb(227, 141, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 141, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 141, 145);  
box-shadow:4px 4px 4px 4px rgb(227, 141,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.4250, 0.4016, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 141, 145) }
```

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

```
.background{ background-color: rgb(227,  
141, 145) }
```

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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