

# Converting Colors

Yxy(37.4163, 0.3945, 0.3244)

Have a look what the booklet for  
Yxy(37.4163, 0.3945, 0.3244)  
contains.

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# Color

**Yxy(37.4395, 0.3945, 0.3245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DF8F93
RGB	223, 143, 147
RGB Percent	87%, 56%, 58%
CMY	0.1255, 0.4392, 0.4236
CMYK	0.00, 0.36, 0.34, 0.13
HSL	357°, 56%, 72%
HSV	357°, 36%, 87%
XYZ	45.5158, 37.4395, 32.4206
YIQ	167.3760, 46.3960, 18.2040

# Conversions

## Conversions Part 2

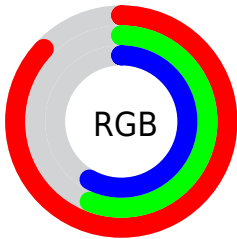
Format	Color
R <sub>Y</sub> B	223, 143, 147
Decimal	14651283
CIE Lab	67.61, 30.81, 10.60
CIE LCh	68, 32.584, 18.976
Yxy	37.4395, 0.3945, 0.3245
Android (android.graphics.Color)	4292841363 (0xFFDF8F93)
YUV	167.3760, -10.0454, 48.7822
Hunter-Lab	61.1878, 25.7022, 11.4164

# Details

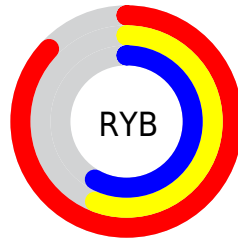
The Yxy color **37.4395, 0.3945, 0.3245** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7256, 0.2646, 0.3338**, and the grayscale version is **38.8701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8652, 0.3563, 0.3260**, and **16.4522, 0.4205, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **30.7926, 0.4304, 0.3234**, and if you desaturate by 10%, it is **45.5432, 0.3650, 0.3258**.

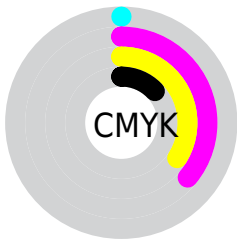
# Distribution



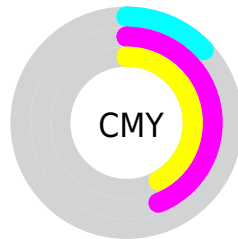
- Red (87%)
- Green (56%)
- Blue (58%)



- Red (87%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (13%)




- Cyan (13%)
- Magenta (44%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 37.4395, 0.3945, 0.3245 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 37.4395, 0.3945, 0.3245 by changing the saturation by 10% instead.





 37.4395, 0.3945,  
0.3245


 37.4395, 0.3945,  
0.3245


335.2094, 0.3517,  
0.3279

 25.5480, 0.4058,  
0.3233


 71.2482, 0.3785,  
0.3260

 16.4858, 0.4205,  
0.3214


 93.9342, 0.3727,  
0.3265

 9.8685, 0.4408,  
0.3185


120.9871, 0.3677,  
0.3269

 5.3119, 0.4700,  
0.3136

152.7913, 0.3636,  
0.3271

 2.4314, 0.5154,  
0.3040

189.7313, 0.3600,  
0.3274

 0.8420, 0.6350,  
0.3019

232.1914, 0.3569,

 0.0000, 1.0000,

0.3276


0.0000


280.5559, 0.3541,  
0.3277


 0.0000, 0.0000,  
0.0000

 37.4395, 0.3945,  
0.3245


 37.4395, 0.3945,  
0.3245


 30.7926, 0.4304,  
0.3234

 45.5432, 0.3650,  
0.3258


 25.5112, 0.4725,  
0.3226


 55.1772, 0.3412,  
0.3271


 21.5019, 0.5188,  
0.3224

 66.4166, 0.3221,  
0.3283

 18.6576, 0.5648,  
0.3231

 79.3299, 0.3068,  
0.3295

 16.8535, 0.6039,  
0.3248

 93.9817, 0.2945,  
0.3305

■ 15.9360, 0.6294,  
0.3272

■ 94.4260, 0.2935,  
0.3289

■ 15.7102, 0.6359,  
0.3277

# Harmonies

## Analogous

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



37.4395, 0.3542, 0.2888



37.4395, 0.3945, 0.3245



37.4395, 0.4107, 0.3635

# Triad

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



37.4395, 0.3945, 0.3245



37.4395, 0.3149, 0.4096



37.4395, 0.2320, 0.2572

# Complementary

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



37.4395, 0.3945, 0.3245



63.7256, 0.2646, 0.3338

# 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.



37.4395, 0.2236, 0.2827



37.4395, 0.3945, 0.3245



37.4395, 0.2691, 0.3741

# Square

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



37.4395, 0.3945, 0.3245



37.4395, 0.3624, 0.4170



37.4395, 0.2365, 0.3253



37.4395, 0.2603, 0.2510



# Rectangle

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



37.4395, 0.3945, 0.3245



37.4395, 0.4053, 0.3875



37.4395, 0.2365, 0.3253



37.4395, 0.2269, 0.2635

# Sweetspot

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



37.4413, 0.3945, 0.3245



81.7911, 0.3315, 0.3277



40.0349, 0.3132, 0.2395



17.0672, 0.3342, 0.3275



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.



37.4413, 0.3945, 0.3245



43.8451, 0.4206, 0.3236



49.9109, 0.3834, 0.3716



13.7115, 0.3284, 0.3279



9.2434, 0.6346, 0.3269



0.6446, 0.6189, 0.3183



# Inverse Universe

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



37.4413, 0.3945, 0.3245



43.8451, 0.4206, 0.3236



46.7087, 0.2560, 0.2819



13.7115, 0.3284, 0.3279



9.2434, 0.6346, 0.3269



0.6446, 0.6189, 0.3183



# Previews

## White Background



This preview shows how the Yxy color 37.4395, 0.3945, 0.3245 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 37.4395, 0.3945, 0.3245 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 37.4395, 0.3945, 0.3245**

## Background



This preview shows how black text looks on a background with the Yxy color 37.4395, 0.3945, 0.3245.



This preview shows how white text looks on a background with the Yxy color 37.4395, 0.3945, 0.3245.

# 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

37.4395, 0.3945, 0.3245

### Protanopia

37.5656, 0.3237, 0.3375

### Deuteranopia

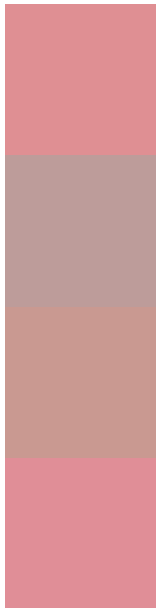
37.6287, 0.3568, 0.3495



## Tritanopia

37.4932, 0.3892, 0.3161

# Trichromacy



**Original Color**

37.4395, 0.3945, 0.3245

**Protanomaly**

36.9288, 0.3478, 0.3318

**Deuteranomaly**

37.2443, 0.3701, 0.3396

**Tritanomaly**

37.4277, 0.3915, 0.3185

# Monochromacy



**Original Color**

37.4395, 0.3945, 0.3245

**Achromatopsia**

38.6429, 0.3127, 0.3290

**Achromatomaly**

37.5566, 0.3395, 0.3264

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 37.4395, 0.3945, 0.3245 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(223, 143, 147)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 147)  
}
```

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(223, 143, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 147) }
```

## Border

The CSS property to change the border of an element to Yxy 37.4395, 0.3945, 0.3245 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(223, 143, 147) }
```

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

```
.border{ border-color:rgb(223, 143, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 147);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
147) }
```



# Background

The CSS property to change the background color of an element to Yxy 37.4395, 0.3945, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 147) }
```

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

```
.background{ background-color: rgb(223,  
143, 147) }
```

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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