

# Converting Colors

Yxy(44.1698, 0.3897, 0.3448)

Have a look what the booklet for  
Yxy(44.1698, 0.3897, 0.3448)  
contains.

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# Color

**Yxy(44.3097, 0.3896, 0.3457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3A294
RGB	227, 162, 148
RGB Percent	89%, 64%, 58%
CMY	0.1099, 0.3646, 0.4197
CMYK	0.00, 0.29, 0.35, 0.11
HSL	11°, 58%, 74%
HSV	11°, 35%, 89%
XYZ	49.9365, 44.3097, 33.9276
YIQ	179.8390, 43.2340, 9.4260

# Conversions

## Conversions Part 2

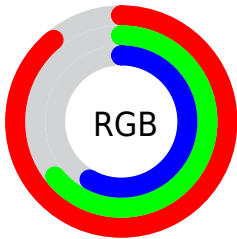
Format	Color
R <sub>Y</sub> B	227, 165, 148
Decimal	14918292
CIE Lab	72.44, 22.27, 16.88
CIE LCh	72, 27.948, 37.167
Yxy	44.3097, 0.3896, 0.3457
Android (android.graphics.Color)	4293108372 (0xFFE3A294)
YUV	179.8390, -15.6966, 41.3602
Hunter-Lab	66.5655, 17.4185, 16.3765

# Details

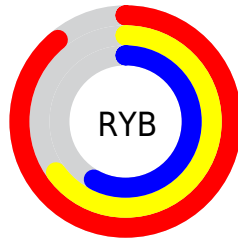
The Yxy color **44.3097, 0.3896, 0.3457** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3921, 0.2613, 0.3114**, and the grayscale version is **45.6194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1500, 0.3516, 0.3444**, and **20.5610, 0.4130, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **37.5670, 0.4223, 0.3505**, and if you desaturate by 10%, it is **52.1734, 0.3621, 0.3407**.

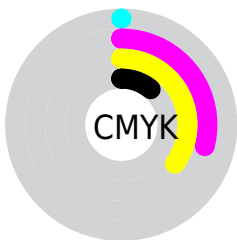
# Distribution



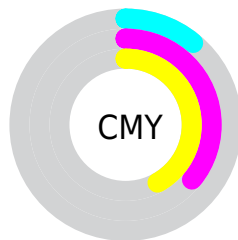
- Red (89%)
- Green (64%)
- Blue (58%)



- Red (89%)
- Yellow (65%)
- Blue (58%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (11%)




- Cyan (11%)
- Magenta (36%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3097, 0.3896, 0.3457 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 44.3097, 0.3896, 0.3457 by changing the saturation by 10% instead.





 44.3097, 0.3896,  
0.3457


 44.3097, 0.3896,  
0.3457


363.9706, 0.3504,  
0.3384

 30.9141, 0.3995,  
0.3471


 81.6836, 0.3752,  
0.3433

 20.5334, 0.4123,  
0.3487


 106.4306, 0.3699,  
0.3424

 12.7834, 0.4295,  
0.3504


135.7302, 0.3654,  
0.3415

 7.2795, 0.4534,  
0.3520

169.9667, 0.3615,  
0.3408

 3.6375, 0.4889,  
0.3523

209.5247, 0.3582,  
0.3401

 1.4729, 0.5632,  
0.3591

254.7883, 0.3553,

 0.2696, 0.7479,

0.3395

0.2521

306.1422, 0.3527,  
0.3389

0.0000, 0.0000,  
0.0000

44.3097, 0.3896,  
0.3457

44.3097, 0.3896,  
0.3457

37.5670, 0.4223,  
0.3505

52.1734, 0.3621,  
0.3407

31.8877, 0.4600,  
0.3544

61.1994, 0.3393,  
0.3358

27.2189, 0.5016,  
0.3568

71.4349, 0.3205,  
0.3311

23.5004, 0.5441,  
0.3566

82.9225, 0.3051,  
0.3268

20.6653, 0.5826,  
0.3533

95.0666, 0.2958,  
0.3290

■ 18.6377, 0.6120,  
0.3469

■ 17.8678, 0.6233,  
0.3433

# Harmonies

## Analogous

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



44.3097, 0.3679, 0.3136



44.3097, 0.3896, 0.3457



44.3097, 0.3889, 0.3761

# Triad

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



44.3097, 0.3896, 0.3457



44.3097, 0.2915, 0.3783



44.3097, 0.2588, 0.2650

# Complementary

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



44.3097, 0.3896, 0.3457



59.3921, 0.2613, 0.3114

# 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.



44.3097, 0.2414, 0.2770



44.3097, 0.3896, 0.3457



44.3097, 0.2592, 0.3421

# Square

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



44.3097, 0.3896, 0.3457



44.3097, 0.3309, 0.3988



44.3097, 0.2415, 0.3044



44.3097, 0.2909, 0.2687



# Rectangle

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



44.3097, 0.3896, 0.3457



44.3097, 0.3761, 0.3915



44.3097, 0.2415, 0.3044



44.3097, 0.2512, 0.2672

# Sweetspot

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



44.3118, 0.3896, 0.3457



85.8096, 0.3299, 0.3335



42.3445, 0.3285, 0.2558



17.9680, 0.3326, 0.3342



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.



44.3118, 0.3896, 0.3457



51.0100, 0.4135, 0.3493



60.0704, 0.3744, 0.3890



14.7801, 0.3288, 0.3332



10.5429, 0.6212, 0.3450



0.9006, 0.5947, 0.3660



# Inverse Universe

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



59.3921, 0.2613, 0.3114



73.4751, 0.2517, 0.3070



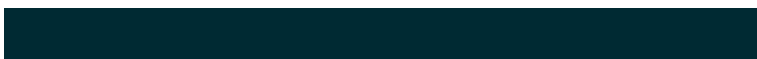
42.2301, 0.2545, 0.2605



15.8776, 0.2981, 0.3247



24.0300, 0.2087, 0.2713



1.8903, 0.2113, 0.2807



# Previews

## White Background



This preview shows how the Yxy color 44.3097, 0.3896, 0.3457 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 44.3097, 0.3896, 0.3457 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

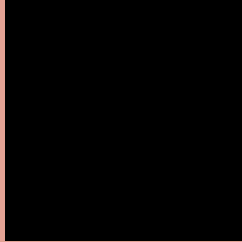
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 44.3097, 0.3896, 0.3457**

## Background



This preview shows how black text looks on a background with the Yxy color 44.3097, 0.3896, 0.3457.



This preview shows how white text looks on a background with the Yxy color 44.3097, 0.3896, 0.3457.

# 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

44.3097, 0.3896, 0.3457

### Protanopia

44.6802, 0.3382, 0.3583

### Deuteranopia

44.3230, 0.3678, 0.3607



## Tritanopia

44.3946, 0.3697, 0.3153

# Trichromacy



**Original Color**

44.3097, 0.3896, 0.3457

**Protanomaly**

44.2225, 0.3563, 0.3534

**Deuteranomaly**

44.4080, 0.3757, 0.3550

**Tritanomaly**

44.2799, 0.3764, 0.3257

# Monochromacy



**Original Color**

44.3097, 0.3896, 0.3457

**Achromatopsia**

45.6411, 0.3127, 0.3290

**Achromatomaly**

44.5846, 0.3389, 0.3355

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.3097, 0.3896, 0.3457 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, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 148)  
}
```

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, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 148) }
```

## Border

The CSS property to change the border of an element to Yxy 44.3097, 0.3896, 0.3457 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, 162, 148) }
```

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

```
.border{ border-color:rgb(227, 162, 148) }
```

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

Here you see how a box with a 4 pixel rgb(227, 162, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 148);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
148) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.3097, 0.3896, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 148) }
```

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

```
.background{ background-color: rgb(227,  
162, 148) }
```

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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