

# Converting Colors

$Yxy(44.8094, 0.3779, 0.3405)$

Have a look what the booklet for  
Yxy(44.8094, 0.3779, 0.3405)  
contains.

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# Color

**Yxy(44.9648, 0.3778, 0.3411)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFA59B
RGB	223, 165, 155
RGB Percent	87%, 65%, 61%
CMY	0.1255, 0.3529, 0.3922
CMYK	0.00, 0.26, 0.31, 0.13
HSL	9°, 52%, 74%
HSV	9°, 31%, 87%
XYZ	49.8027, 44.9648, 37.0554
YIQ	181.2020, 37.7780, 9.1860

# Conversions

## Conversions Part 2

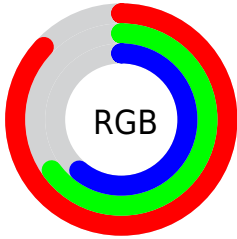
Format	Color
R <sub>Y</sub> B	223, 167, 155
Decimal	14656923
CIE Lab	72.87, 20.04, 13.59
CIE LCh	73, 24.213, 34.136
Yxy	44.9648, 0.3778, 0.3411
Android (android.graphics.Color)	4292847003 (0xFFDFA59B)
YUV	181.2020, -12.9176, 36.6568
Hunter-Lab	67.0558, 15.2253, 14.1751

# Details

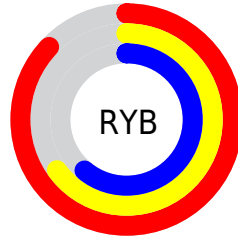
The Yxy color **44.9648, 0.3778, 0.3411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.8733, 0.2676, 0.3165**, and the grayscale version is **46.3800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0498, 0.3459, 0.3402**, and **20.9167, 0.3962, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **37.9285, 0.4088, 0.3452**, and if you desaturate by 10%, it is **53.1634, 0.3520, 0.3369**.

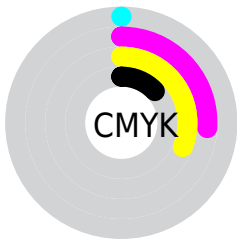
# Distribution



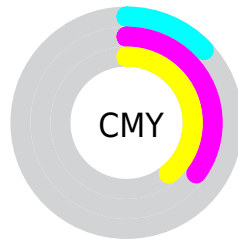
- Red (87%)
- Green (65%)
- Blue (61%)



- Red (87%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (31%)
- Black (13%)




- Cyan (13%)
- Magenta (35%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9648, 0.3778, 0.3411 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 44.9648, 0.3778, 0.3411 by changing the saturation by 10% instead.




 44.9648, 0.3778,  
0.3411

 44.9648, 0.3778,  
0.3411


366.6310, 0.3447,  
0.3358

 31.4297, 0.3862,  
0.3422


 82.6676, 0.3657,  
0.3394

 20.9263, 0.3970,  
0.3434


 107.6041, 0.3612,  
0.3387

 13.0701, 0.4115,  
0.3447

137.1098, 0.3574,  
0.3380

 7.4768, 0.4318,  
0.3459

171.5692, 0.3541,  
0.3375

 3.7621, 0.4623,  
0.3465

211.3666, 0.3513,  
0.3370

 1.5414, 0.5169,  
0.3475

256.8864, 0.3488,

 0.3176, 0.7135,

0.3366

0.2865

308.5131, 0.3467,  
0.3362

0.0000, 0.0000,  
0.0000

44.9648, 0.3778,  
0.3411

44.9648, 0.3778,  
0.3411

37.9285, 0.4088,  
0.3452

53.1634, 0.3520,  
0.3369

31.9957, 0.4454,  
0.3488

62.5671, 0.3308,  
0.3329

27.1120, 0.4867,  
0.3513

73.2243, 0.3135,  
0.3292

23.2158, 0.5304,  
0.3520

85.1787, 0.2993,  
0.3257

20.2389, 0.5721,  
0.3502

94.4288, 0.2935,  
0.3289

■ 18.1043, 0.6060,  
0.3455

■ 16.7690, 0.6277,  
0.3398

# Harmonies

## Analogous

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



44.9648, 0.3575, 0.3131



44.9648, 0.3778, 0.3411



44.9648, 0.3793, 0.3678

# Triad

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



44.9648, 0.3778, 0.3411



44.9648, 0.2979, 0.3737



44.9648, 0.2638, 0.2738

# Complementary

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



44.9648, 0.3778, 0.3411



59.8733, 0.2676, 0.3165

# 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.



44.9648, 0.2500, 0.2860



44.9648, 0.3778, 0.3411



44.9648, 0.2688, 0.3438

# Square

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



44.9648, 0.3778, 0.3411



44.9648, 0.3321, 0.3894



44.9648, 0.2517, 0.3111



44.9648, 0.2907, 0.2755



# Rectangle

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



44.9648, 0.3778, 0.3411



44.9648, 0.3697, 0.3816



44.9648, 0.2517, 0.3111



44.9648, 0.2575, 0.2763

# Sweetspot

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



44.9669, 0.3778, 0.3411



86.7535, 0.3281, 0.3324



43.9768, 0.3241, 0.2626



18.1389, 0.3309, 0.3329



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.



44.9669, 0.3778, 0.3411



54.3076, 0.3982, 0.3439



58.4716, 0.3665, 0.3789



14.0248, 0.3288, 0.3325



9.9600, 0.6258, 0.3413



0.7944, 0.6001, 0.3617



# Inverse Universe

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



59.8733, 0.2676, 0.3165



77.7280, 0.2586, 0.3133



44.9060, 0.2626, 0.2734



15.2100, 0.2982, 0.3255



24.9517, 0.2116, 0.2817



1.8245, 0.2138, 0.2897



# Previews

## White Background



This preview shows how the Yxy color 44.9648, 0.3778, 0.3411 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

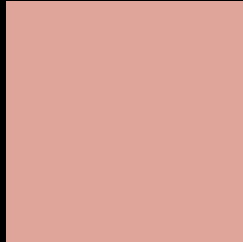
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.9648, 0.3778, 0.3411 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 44.9648, 0.3778, 0.3411**

## Background



This preview shows how black text looks on a background with the Yxy color 44.9648, 0.3778, 0.3411.



This preview shows how white text looks on a background with the Yxy color 44.9648, 0.3778, 0.3411.

# 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

44.9648, 0.3778, 0.3411

### Protanopia

45.2879, 0.3329, 0.3515

### Deuteranopia

44.9600, 0.3602, 0.3517



## Tritanopia

44.9042, 0.3622, 0.3151

# Trichromacy



**Original Color**

44.9648, 0.3778, 0.3411

**Protanomaly**

44.9174, 0.3485, 0.3483

**Deuteranomaly**

44.7061, 0.3668, 0.3477

**Tritanomaly**

44.8317, 0.3677, 0.3244

# Monochromacy



**Original Color**

44.9648, 0.3778, 0.3411

**Achromatopsia**

46.2077, 0.3127, 0.3290

**Achromatomaly**

45.3743, 0.3341, 0.3329

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.9648, 0.3778, 0.3411 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, 165, 155)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 155)  
}
```

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, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 155) }
```

## Border

The CSS property to change the border of an element to Yxy 44.9648, 0.3778, 0.3411 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, 165, 155) }
```

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

```
.border{ border-color:rgb(223, 165, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
155) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.9648, 0.3778, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 155) }
```

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

```
.background{ background-color: rgb(223,  
165, 155) }
```

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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