

# Converting Colors

$Yxy(44.3083, 0.3769, 0.3591)$

Have a look what the booklet for  
Yxy(44.3083, 0.3769, 0.3591)  
contains.

<b>Yxy(44.1650, 0.3775, 0.3588)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(44.1650, 0.3775, 0.3588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D5A890
RGB	213, 168, 144
RGB Percent	84%, 66%, 56%
CMY	0.1649, 0.3411, 0.4353
CMYK	0.00, 0.21, 0.32, 0.16
HSL	21°, 45%, 70%
HSV	21°, 32%, 84%
XYZ	46.4668, 44.1650, 32.4591
YIQ	178.7190, 34.5240, 2.0760

# Conversions

## Conversions Part 2

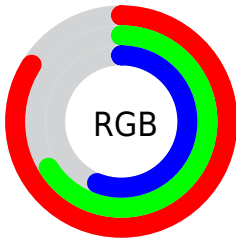
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 181, 144
Decimal	14002320
CIE Lab	72.34, 13.12, 18.70
CIE LCh	72, 22.844, 54.958
Yxy	44.1650, 0.3775, 0.3588
Android (android.graphics.Color)	4292192400 (0xFFD5A890)
YUV	178.7190, -17.1165, 30.0644
Hunter-Lab	66.4568, 8.5085, 17.5611

# Details

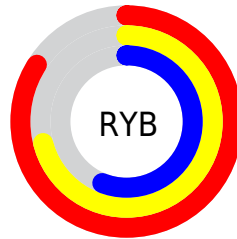
The Yxy color **44.1650, 0.3775, 0.3588** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0933, 0.2629, 0.2969**, and the grayscale version is **45.0002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1126, 0.3532, 0.3545**, and **20.4670, 0.3958, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **38.7225, 0.4048, 0.3682**, and if you desaturate by 10%, it is **50.2812, 0.3539, 0.3492**.

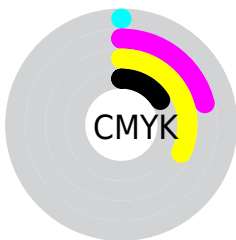
# Distribution



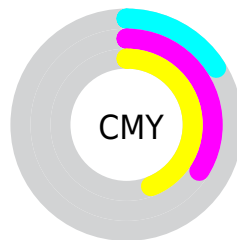
- Red (84%)
- Green (66%)
- Blue (56%)



- Red (84%)
- Yellow (71%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (16%)




- Cyan (16%)
- Magenta (34%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1650, 0.3775, 0.3588 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 44.1650, 0.3775, 0.3588 by changing the saturation by 10% instead.





 44.1650, 0.3775,  
0.3588


 44.1650, 0.3775,  
0.3588


363.3812, 0.3446,  
0.3446

 30.8002, 0.3858,  
0.3621


 81.4660, 0.3654,  
0.3538

 20.4468, 0.3966,  
0.3661


 106.1710, 0.3609,  
0.3519

 12.7202, 0.4109,  
0.3711


135.4249, 0.3571,  
0.3502

 7.2362, 0.4308,  
0.3774

169.6120, 0.3539,  
0.3488

 3.6102, 0.4603,  
0.3851

209.1168, 0.3511,  
0.3476

 1.4580, 0.5347,  
0.4143

254.3237, 0.3487,


 0.2589, 0.6862,


0.3465

0.3138

305.6170, 0.3465,  
0.3455

 0.0000, 0.0000,  
0.0000


 44.1650, 0.3775,  
0.3588

 44.1650, 0.3775,  
0.3588

 38.7225, 0.4048,  
0.3682


 50.2812, 0.3539,  
0.3492


 33.9234, 0.4355,  
0.3768


 57.0874, 0.3336,  
0.3399


 29.7443, 0.4691,  
0.3835

 64.6075, 0.3164,  
0.3310

 26.1577, 0.5040,  
0.3870

 72.8619, 0.3018,  
0.3228

 23.1337, 0.5376,  
0.3862

 81.8704, 0.2894,  
0.3153

■ 20.6390, 0.5668,  
0.3804

■ 90.5244, 0.2875,  
0.3251

■ 19.0642, 0.5854,  
0.3734

■ 92.8791, 0.2877,  
0.3289

# Harmonies

## Analogous

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



44.1650, 0.3703, 0.3323



44.1650, 0.3775, 0.3588



44.1650, 0.3664, 0.3794

# Triad

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



44.1650, 0.3775, 0.3588



44.1650, 0.2785, 0.3526



44.1650, 0.2830, 0.2762

# Complementary

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



44.1650, 0.3775, 0.3588



47.0933, 0.2629, 0.2969

# 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.



44.1650, 0.2607, 0.2786



44.1650, 0.3775, 0.3588



44.1650, 0.2582, 0.3213

# Square

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



44.1650, 0.3775, 0.3588



44.1650, 0.3086, 0.3776



44.1650, 0.2519, 0.2944



44.1650, 0.3142, 0.2863



# Rectangle

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



44.1650, 0.3775, 0.3588



44.1650, 0.3505, 0.3864



44.1650, 0.2519, 0.2944



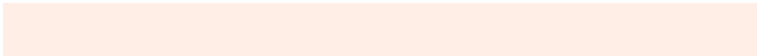
44.1650, 0.2742, 0.2755

# Sweetspot

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



44.1671, 0.3775, 0.3588



88.3190, 0.3295, 0.3378



37.8007, 0.3383, 0.2739



18.5716, 0.3320, 0.3391



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.



44.1671, 0.3775, 0.3588



60.5606, 0.3963, 0.3655



58.1409, 0.3652, 0.3972



13.1215, 0.3282, 0.3372



11.8242, 0.5828, 0.3755



0.8658, 0.5494, 0.4020

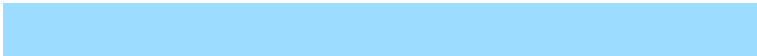


# Inverse Universe

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



47.0933, 0.2629, 0.2969



65.6112, 0.2524, 0.2888



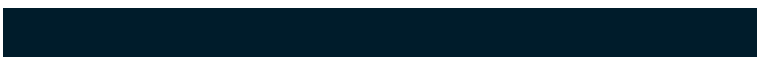
34.3364, 0.2571, 0.2500



13.3455, 0.2982, 0.3207



14.3724, 0.1921, 0.2115



1.0191, 0.1984, 0.2341



# Previews

## White Background



This preview shows how the Yxy color 44.1650, 0.3775, 0.3588 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

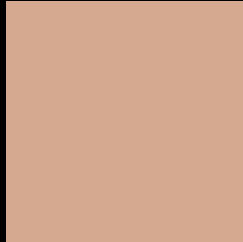
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.1650, 0.3775, 0.3588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

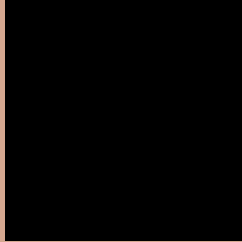
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 44.1650, 0.3775, 0.3588**

## Background



This preview shows how black text looks on a background with the Yxy color 44.1650, 0.3775, 0.3588.



This preview shows how white text looks on a background with the Yxy color 44.1650, 0.3775, 0.3588.

# 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

44.1650, 0.3775, 0.3588

### Protanopia

44.1472, 0.3462, 0.3677

### Deuteranopia

44.3744, 0.3716, 0.3643



## Tritanopia

43.9279, 0.3515, 0.3135

# Trichromacy



**Original Color**

44.1650, 0.3775, 0.3588

**Protanomaly**

44.1145, 0.3564, 0.3642

**Deuteranomaly**

44.2879, 0.3739, 0.3629

**Tritanomaly**

44.0377, 0.3614, 0.3304

# Monochromacy



**Original Color**

44.1650, 0.3775, 0.3588

**Achromatopsia**

45.0786, 0.3127, 0.3290

**Achromatomaly**

44.4895, 0.3347, 0.3408

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.1650, 0.3775, 0.3588 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(213, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 168, 144)  
}
```

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(213, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 168, 144) }
```

## Border

The CSS property to change the border of an element to Yxy 44.1650, 0.3775, 0.3588 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(213, 168, 144) }
```

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

```
.border{ border-color:rgb(213, 168, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 168, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 168,  
144) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.1650, 0.3775, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 168, 144) }
```

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

```
.background{ background-color: rgb(213,  
168, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor