

# Converting Colors

Yxy(62.7247, 0.3712, 0.4109)

Have a look what the booklet for  
Yxy(62.7247, 0.3712, 0.4109)  
contains.

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# Color

**Yxy(62.9882, 0.3714, 0.4116)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBD28A
RGB	219, 210, 138
RGB Percent	86%, 82%, 54%
CMY	0.1414, 0.1764, 0.4588
CMYK	0.00, 0.04, 0.37, 0.14
HSL	53°, 53%, 70%
HSV	53°, 37%, 86%
XYZ	56.8363, 62.9882, 33.2081
YIQ	204.4830, 28.4760, -20.4840

# Conversions

## Conversions Part 2

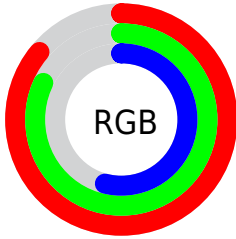
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 219, 138
Decimal	14406282
CIELab	83.44, -7.36, 36.82
CIELCh	83, 37.546, 101.307
Yxy	62.9882, 0.3714, 0.4116
Android (android.graphics.Color)	4292596362 (0xFFDBD28A)
YUV	204.4830, -32.7761, 12.7314
Hunter-Lab	79.3651, -11.0585, 30.7474

# Details

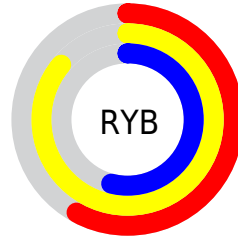
The Yxy color **62.9882, 0.3714, 0.4116** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.3620, 0.2471, 0.2301**, and the grayscale version is **60.9011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5858, 0.3502, 0.3910**, and **32.2516, 0.3844, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **61.2358, 0.3873, 0.4326**, and if you desaturate by 10%, it is **64.8922, 0.3551, 0.3893**.

# Distribution



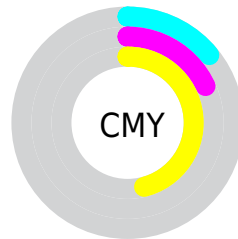
- Red (86%)
- Green (82%)
- Blue (54%)



- Red (58%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (14%)




- Cyan (14%)
- Magenta (18%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9882, 0.3714, 0.4116 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 62.9882, 0.3714, 0.4116 by changing the saturation by 10% instead.





 62.9882, 0.3714,  
0.4116


 62.9882, 0.3714,  
0.4116


435.5267, 0.3444,  
0.3724


 45.8317, 0.3773,  
0.4206


 109.1525, 0.3622,  
0.3979

 32.1130, 0.3845,  
0.4318


 138.9290, 0.3586,  
0.3926

 21.4478, 0.3931,  
0.4457


 173.6810, 0.3554,  
0.3880

 13.4517, 0.4037,  
0.4635

213.7929, 0.3527,  
0.3840

 7.7403, 0.4162,  
0.4866

259.6490, 0.3502,  
0.3806

 3.9293, 0.4389,  
0.5274

311.6337, 0.3481,

 1.6341, 0.4427,

0.3775

0.5573

370.1315, 0.3462,  
0.3748

■ 0.3804, 0.3234,  
0.6766

■ 0.0000, 0.0000,  
0.0000

■ 62.9882, 0.3714,  
0.4116

■ 62.9882, 0.3714,  
0.4116

■ 61.2358, 0.3873,  
0.4326

■ 64.8922, 0.3551,  
0.3893

■ 59.6185, 0.4021,  
0.4514

■ 66.9463, 0.3388,  
0.3666

■ 58.1306, 0.4151,  
0.4669

■ 69.1601, 0.3232,  
0.3441

■ 56.7624, 0.4258,  
0.4784

■ 71.5397, 0.3083,  
0.3226

■ 55.5023, 0.4338,  
0.4855

■ 74.0910, 0.2945,  
0.3022

■ 54.3356, 0.4390,  
0.4882

■ 75.8587, 0.2901,  
0.2972

■ 53.9927, 0.4404,  
0.4885

■ 77.1700, 0.2902,  
0.2998

■ 78.4998, 0.2902,  
0.3023

■ 79.8483, 0.2903,  
0.3049

# Harmonies

## Analogous

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



62.9882, 0.4011, 0.3884



62.9882, 0.3714, 0.4116



62.9882, 0.3271, 0.4115

# Triad

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



62.9882, 0.3714, 0.4116



62.9882, 0.2274, 0.2935



62.9882, 0.3409, 0.2823

# Complementary

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



62.9882, 0.3714, 0.4116



31.3620, 0.2471, 0.2301

# 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.



62.9882, 0.2926, 0.2601



62.9882, 0.3714, 0.4116



62.9882, 0.2303, 0.2639

# Square

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



62.9882, 0.3714, 0.4116



62.9882, 0.2452, 0.3377



62.9882, 0.2531, 0.2530



62.9882, 0.3837, 0.3153



# Rectangle

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



62.9882, 0.3714, 0.4116



62.9882, 0.2958, 0.3956



62.9882, 0.2531, 0.2530



62.9882, 0.3246, 0.2735

# Sweetspot

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



62.9911, 0.3714, 0.4116



96.3652, 0.3295, 0.3533



35.3512, 0.3918, 0.3177



20.5345, 0.3317, 0.3564



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.



62.9911, 0.3714, 0.4116



87.1138, 0.3832, 0.4274



63.1531, 0.3436, 0.4286



15.0057, 0.3270, 0.3496



32.1318, 0.4400, 0.4888



2.1532, 0.4362, 0.4919



# Inverse Universe

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



31.3620, 0.2471, 0.2301



36.5429, 0.2320, 0.2063



31.7289, 0.2711, 0.2249



12.8472, 0.2981, 0.3075



3.5027, 0.1523, 0.0682

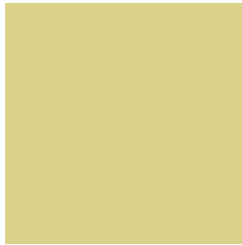


0.3064, 0.1580, 0.0886



# Previews

## White Background



This preview shows how the Yxy color 62.9882, 0.3714, 0.4116 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

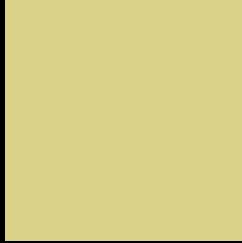
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.9882, 0.3714, 0.4116 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

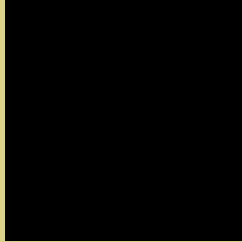
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.9882, 0.3714, 0.4116**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.9882, 0.3714, 0.4116.



This preview shows how white text looks on a background with the Yxy color 62.9882, 0.3714, 0.4116.

# 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

62.9882, 0.3714, 0.4116

### Protanopia

63.0866, 0.3787, 0.4089

### Deuteranopia

62.8800, 0.3997, 0.3914



## Tritanopia

62.7604, 0.3229, 0.3115

# Trichromacy



**Original Color**

62.9882, 0.3714, 0.4116

**Protanomaly**

63.0950, 0.3759, 0.4107

**Deuteranomaly**

62.7531, 0.3895, 0.3988

**Tritanomaly**

62.8241, 0.3410, 0.3471

# Monochromacy



**Original Color**

62.9882, 0.3714, 0.4116

**Achromatopsia**

60.3827, 0.3127, 0.3290

**Achromatomaly**

60.9932, 0.3338, 0.3597

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.9882, 0.3714, 0.4116 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(219, 210, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 138)  
}
```

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(219, 210, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 138) }
```

## Border

The CSS property to change the border of an element to Yxy 62.9882, 0.3714, 0.4116 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(219, 210, 138) }
```

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

```
.border{ border-color:rgb(219, 210, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
138) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.9882, 0.3714, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 138) }
```

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

```
.background{ background-color: rgb(219,  
210, 138) }
```

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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