

# Converting Colors

Yxy(62.5972, 0.3841, 0.4433)

Have a look what the booklet for  
Yxy(62.5972, 0.3841, 0.4433)  
contains.

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# **Color**

**Yxy(62.5308, 0.3842, 0.4437)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D6D46F                      |
| RGB         | 214, 212, 111               |
| RGB Percent | 84%, 83%, 44%               |
| CMY         | 0.1608, 0.1686, 0.5647      |
| CMYK        | 0.00, 0.01, 0.48, 0.16      |
| HSL         | 59°, 56%, 64%               |
| HSV         | 59°, 48%, 84%               |
| XYZ         | 54.1454, 62.5308, 24.2541   |
| YIQ         | 201.0840, 33.6130, -30.9870 |

# Conversions

## Conversions Part 2

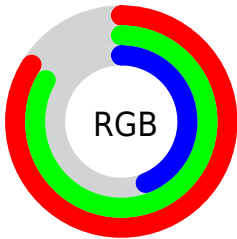
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 113, 214, 111                  |
| Decimal                             | 14079087                       |
| CIELab                              | 83.19, -13.08, 49.79           |
| CIELCh                              | 83, 51.476, 104.717            |
| Yxy                                 | 62.5308, 0.3842,<br>0.4437     |
| Android<br>(android.graphics.Color) | 4292269167<br>(0xFFD6D46F)     |
| YUV                                 | 201.0840, -44.4114,<br>11.3273 |
| Hunter-Lab                          | 79.0764, -16.1607,<br>37.1682  |

# Details

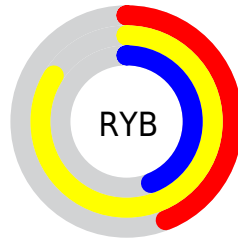
The Yxy color **62.5308, 0.3842, 0.4437** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.0456, 0.2219, 0.1809**, and the grayscale version is **58.7305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **31.9376, 0.3974, 0.4715** is the 20% darker color. If you saturate the color by 10%, you get **61.9097, 0.3966, 0.4632**, and if you desaturate by 10%, it is **63.2711, 0.3702, 0.4215**.

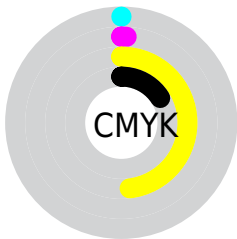
# Distribution



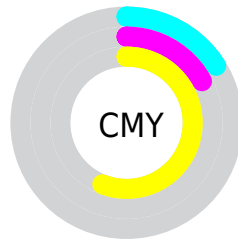
- Red (84%)
- Green (83%)
- Blue (44%)



- Red (44%)
- Yellow (84%)
- Blue (44%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (16%)




- Cyan (16%)
- Magenta (17%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5308, 0.3842, 0.4437 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 62.5308, 0.3842, 0.4437 by changing the saturation by 10% instead.




 62.5308, 0.3842,  
0.4437


 62.5308, 0.3842,  
0.4437


433.8646, 0.3526,  
0.3894


 45.4617, 0.3906,  
0.4559


 108.4923, 0.3738,  
0.4249


 31.8213, 0.3979,  
0.4707


 138.1536, 0.3696,  
0.4176

 21.2250, 0.4060,  
0.4887


 172.7810, 0.3659,  
0.4112

 13.2886, 0.4146,  
0.5107

 212.7590, 0.3626,  
0.4057

 7.6276, 0.4237,  
0.5395

258.4720, 0.3597,  
0.4009

 3.8576, 0.4274,  
0.5726

310.3043, 0.3571,

 1.5942, 0.4061,

0.3966

0.5939

368.6404, 0.3547,  
0.3928

0.3537, 0.0457,  
0.9543

0.0000, 0.0000,  
0.0000

62.5308, 0.3842,  
0.4437

62.5308, 0.3842,  
0.4437

61.9097, 0.3966,  
0.4632

63.2711, 0.3702,  
0.4215

61.3910, 0.4068,  
0.4792


64.1294, 0.3553,  
0.3976

60.9682, 0.4146,  
0.4910


65.1152, 0.3400,  
0.3730

60.6305, 0.4197,  
0.4985

66.2350, 0.3247,  
0.3485

 60.3618, 0.4224,  
0.5020


 67.4944, 0.3100,  
0.3246

 60.3147, 0.4228,  
0.5025

 68.8990, 0.2960,  
0.3020

 70.0746, 0.2865,  
0.2865

 70.2865, 0.2865,  
0.2870

 70.4990, 0.2865,  
0.2874

# Harmonies

## Analogous

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



62.5308, 0.4290, 0.4110



62.5308, 0.3842, 0.4437



62.5308, 0.3228, 0.4429

# Triad

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



62.5308, 0.3842, 0.4437



62.5308, 0.1984, 0.2729



62.5308, 0.3581, 0.2710

# Complementary

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



62.5308, 0.3842, 0.4437



20.0456, 0.2219, 0.1809

# 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.



62.5308, 0.2916, 0.2404



62.5308, 0.3842, 0.4437



62.5308, 0.2053, 0.2380

# Square

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



62.5308, 0.3842, 0.4437



62.5308, 0.2175, 0.3318



62.5308, 0.2373, 0.2281



62.5308, 0.4159, 0.3144



# Rectangle

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



62.5308, 0.3842, 0.4437



62.5308, 0.2811, 0.4178



62.5308, 0.2373, 0.2281



62.5308, 0.3356, 0.2590

# Sweetspot

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



62.5337, 0.3842, 0.4437



97.4685, 0.3339, 0.3632



26.8908, 0.4412, 0.3252



20.7866, 0.3372, 0.3685



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.



62.5337, 0.3842, 0.4437



92.0236, 0.3971, 0.4640



57.3438, 0.3442, 0.4631



14.4766, 0.3267, 0.3516



36.4732, 0.4227, 0.5026



2.2134, 0.4221, 0.5031



# Inverse Universe

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



20.0456, 0.2219, 0.1809



21.4982, 0.2001, 0.1449



23.6023, 0.2629, 0.1931



12.0470, 0.2981, 0.3054



3.0066, 0.1504, 0.0613



0.1953, 0.1516, 0.0655



# Previews

## White Background



This preview shows how the Yxy color 62.5308, 0.3842, 0.4437 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 62.5308, 0.3842, 0.4437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

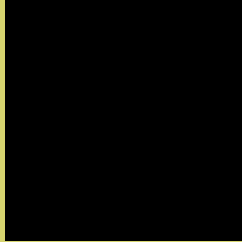
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.5308, 0.3842, 0.4437**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.5308, 0.3842, 0.4437.



This preview shows how white text looks on a background with the Yxy color 62.5308, 0.3842, 0.4437.

# 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

62.5308, 0.3842, 0.4437

### Protanopia

62.2238, 0.3997, 0.4359

### Deuteranopia

62.0530, 0.4225, 0.4124



## Tritanopia

62.2740, 0.3205, 0.3114

# Trichromacy



## Original Color

62.5308, 0.3842, 0.4437

## Protanomaly

62.4147, 0.3938, 0.4386

## Deuteranomaly

61.8067, 0.4085, 0.4226

## Tritanomaly

61.7722, 0.3454, 0.3589

# Monochromacy



## Original Color

62.5308, 0.3842, 0.4437

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

59.6116, 0.3404, 0.3734

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  62.5308, 0.3842, 0.4437 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(214, 212, 111)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 111)  
}
```

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(214, 212, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 111) }
```

## Border

The CSS property to change the border of an element to Yxy 62.5308, 0.3842, 0.4437 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(214, 212, 111) }
```

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

```
.border{ border-color:rgb(214, 212, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 212, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 111);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
111) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.5308, 0.3842, 0.4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 111) }
```

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

```
.background{ background-color: rgb(214,  
212, 111) }
```

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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