

# Converting Colors

Yxy(63.6263, 0.3562, 0.4282)

Have a look what the booklet for  
Yxy(63.6263, 0.3562, 0.4282)  
contains.

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# Color

**Yxy(63.6263, 0.3562, 0.4282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D986
RGB	200, 217, 134
RGB Percent	78%, 85%, 53%
CMY	0.2158, 0.1490, 0.4746
CMYK	0.08, 0.00, 0.38, 0.15
HSL	72°, 52%, 69%
HSV	72°, 38%, 85%
XYZ	52.9278, 63.6263, 32.0360
YIQ	202.4550, 16.5110, -29.4170

# Conversions

## Conversions Part 2

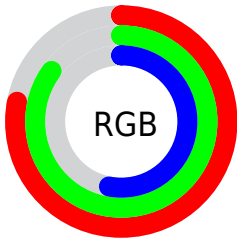
Format	Color
<b>RYB</b>	134, 217, 151
Decimal	13162886
CIELab	83.77, -18.69, 39.00
CIELCh	84, 43.244, 115.607
Yxy	63.6263, 0.3562, 0.4282
Android (android.graphics.Color)	4291352966 (0xFFC8D986)
YUV	202.4550, -33.7483, -2.1530
Hunter-Lab	79.7661, -21.1492, 32.0239

# Details

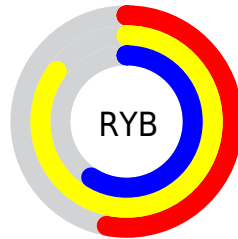
The Yxy color **63.6263, 0.3562, 0.4282** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.6354, 0.2565, 0.2172**, and the grayscale version is **59.5664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **32.4849, 0.3647, 0.4529** is the 20% darker color. If you saturate the color by 10%, you get **62.4802, 0.3660, 0.4538**, and if you desaturate by 10%, it is **64.9202, 0.3453, 0.4017**.

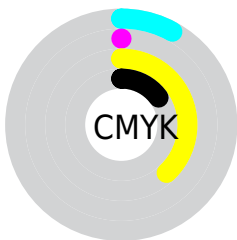
# Distribution



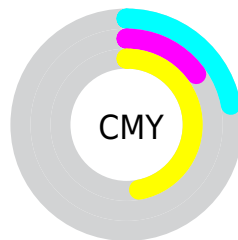
- Red (78%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)




- Cyan (22%)
- Magenta (15%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6263, 0.3562, 0.4282 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 63.6263, 0.3562, 0.4282 by changing the saturation by 10% instead.




 63.6263, 0.3562,  
0.4282


 63.6263, 0.3562,  
0.4282

437.8389, 0.3371,  
0.3801

 46.3481, 0.3601,  
0.4395


 110.0726, 0.3499,  
0.4112

 32.5206, 0.3646,  
0.4537


 140.0094, 0.3473,  
0.4046

 21.7594, 0.3698,  
0.4717


 174.9345, 0.3451,  
0.3991

 13.6802, 0.3754,  
0.4951

215.2324, 0.3431,  
0.3942

 7.8986, 0.3806,  
0.5264

261.2874, 0.3413,  
0.3900

 4.0301, 0.3939,  
0.5859

313.4839, 0.3398,

 1.6904, 0.3721,

0.3863

0.6279

372.2062, 0.3383,  
0.3830

0.4175, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

63.6263, 0.3562,  
0.4282

63.6263, 0.3562,  
0.4282

62.4802, 0.3660,  
0.4538

64.9202, 0.3453,  
0.4017

61.4656, 0.3742,  
0.4773


66.3605, 0.3338,  
0.3751

60.5766, 0.3802,  
0.4977


67.9567, 0.3222,  
0.3493


59.8035, 0.3838,  
0.5140


69.7150, 0.3108,  
0.3249

 59.1347, 0.3848,  
0.5256


 71.6413, 0.2998,  
0.3020

 58.5535, 0.3834,  
0.5329

 73.1352, 0.2950,  
0.2898

 58.4572, 0.3831,  
0.5340

 73.8677, 0.2980,  
0.2901

 74.6190, 0.3010,  
0.2905

 75.3894, 0.3041,  
0.2908

# Harmonies

## Analogous

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



63.6263, 0.4001, 0.4114



63.6263, 0.3562, 0.4282



63.6263, 0.3028, 0.4131

# Triad

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



63.6263, 0.3562, 0.4282



63.6263, 0.2147, 0.2692



63.6263, 0.3703, 0.2925

# Complementary

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



63.6263, 0.3562, 0.4282



28.6354, 0.2565, 0.2172

# 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.



63.6263, 0.3153, 0.2612



63.6263, 0.3562, 0.4282



63.6263, 0.2288, 0.2464

# Square

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



63.6263, 0.3562, 0.4282



63.6263, 0.2234, 0.3127



63.6263, 0.2640, 0.2445



63.6263, 0.4105, 0.3329



# Rectangle

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



63.6263, 0.3562, 0.4282



63.6263, 0.2692, 0.3852



63.6263, 0.2640, 0.2445



63.6263, 0.3526, 0.2807

# Sweetspot

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



63.6291, 0.3562, 0.4282



97.2476, 0.3255, 0.3565



38.4740, 0.3991, 0.3496



20.7466, 0.3271, 0.3601



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.



63.6291, 0.3562, 0.4282



90.3222, 0.3643, 0.4492



58.7134, 0.3246, 0.4391



15.1219, 0.3235, 0.3523



35.4275, 0.3836, 0.5336



2.3299, 0.3897, 0.5287



# Inverse Universe

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



28.6354, 0.2565, 0.2172



32.9691, 0.2415, 0.1898



33.2740, 0.2934, 0.2280



12.7453, 0.3013, 0.3050



3.4004, 0.1606, 0.0658

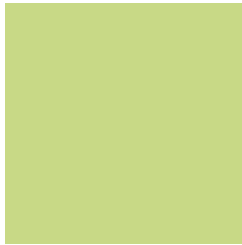


0.2573, 0.1761, 0.0744



# Previews

## White Background



This preview shows how the Yxy color 63.6263, 0.3562, 0.4282 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 63.6263, 0.3562, 0.4282 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 63.6263, 0.3562, 0.4282**

## **Background**



This preview shows how black text looks on a background with the Yxy color 63.6263, 0.3562, 0.4282.



This preview shows how white text looks on a background with the Yxy color 63.6263, 0.3562, 0.4282.

# 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

63.6263, 0.3562, 0.4282

### Protanopia

63.5705, 0.3833, 0.4160

### Deuteranopia

63.0058, 0.4021, 0.3932



## Tritanopia

63.3192, 0.3047, 0.3099

# Trichromacy



**Original Color**

63.6263, 0.3562, 0.4282

**Protanomaly**

63.5046, 0.3731, 0.4207

**Deuteranomaly**

63.1046, 0.3846, 0.4054

**Tritanomaly**

63.1202, 0.3238, 0.3512

# Monochromacy



**Original Color**

63.6263, 0.3562, 0.4282

**Achromatopsia**

59.0619, 0.3127, 0.3290

**Achromatomaly**

60.2175, 0.3295, 0.3652

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 63.6263, 0.3562, 0.4282 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(200, 217, 134)` looks like.

```
.text, #text, p{  
    color:rgb(200, 217, 134)  
}
```

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(200, 217, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 217, 134) }
```

## Border

The CSS property to change the border of an element to Yxy 63.6263, 0.3562, 0.4282 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(200, 217, 134) }
```

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

```
.border{ border-color:rgb(200, 217, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 217, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 217, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 217, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 217,  
134) }
```



# Background

The CSS property to change the background color of an element to Yxy 63.6263, 0.3562, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 217, 134) }
```

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

```
.background{ background-color: rgb(200,  
217, 134) }
```

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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