

# Converting Colors

$Yxy(60.6538, 0.3330, 0.3906)$

Have a look what the booklet for  
Yxy(60.6538, 0.3330, 0.3906)  
contains.

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# Color

**Yxy(60.3682, 0.3331, 0.3908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0D3A1
RGB	192, 211, 161
RGB Percent	75%, 83%, 63%
CMY	0.2472, 0.1725, 0.3687
CMYK	0.09, 0.00, 0.24, 0.17
HSL	83°, 36%, 73%
HSV	83°, 24%, 83%
XYZ	51.4551, 60.3682, 42.6501
YIQ	199.6190, 4.7260, -19.5780

# Conversions

## Conversions Part 2

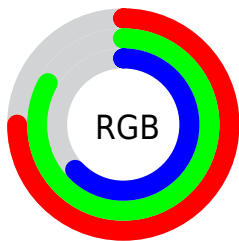
Format	Color
<a href="#">RYB</a>	<a href="#">161, 211, 180</a>
Decimal	<a href="#">12637089</a>
CIELab	<a href="#">82.04, -15.07, 22.70</a>
CIELCh	<a href="#">82, 27.244, 123.588</a>
Yxy	<a href="#">60.3682, 0.3331, 0.3908</a>
Android (android.graphics.Color)	<a href="#">4290827169 (0xFFC0D3A1)</a>
YUV	<a href="#">199.6190, -19.0392, -6.6819</a>
Hunter-Lab	<a href="#">77.6970, -17.7575, 21.8419</a>

# Details

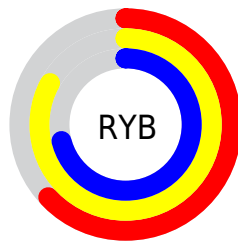
The Yxy color **60.3682, 0.3331, 0.3908** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8976, 0.2883, 0.2655**, and the grayscale version is **57.6254, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6176, 0.3318, 0.3676**, and **30.2843, 0.3378, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **58.6673, 0.3412, 0.4190**, and if you desaturate by 10%, it is **62.2574, 0.3246, 0.3636**.

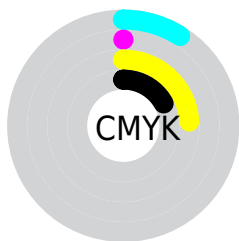
# Distribution



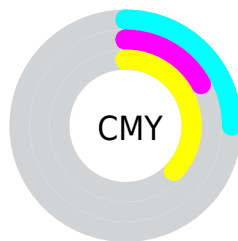
- Red (75%)
- Green (83%)
- Blue (63%)



- Red (63%)
- Yellow (83%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (25%)
- Magenta (17%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3682, 0.3331, 0.3908 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 60.3682, 0.3331, 0.3908 by changing the saturation by 10% instead.




 60.3682, 0.3331,  
0.3908


 60.3682, 0.3331,  
0.3908


425.9536, 0.3238,  
0.3605

 43.7155, 0.3351,  
0.3982


 105.3636, 0.3300,  
0.3799

 30.4469, 0.3376,  
0.4075


 134.4751, 0.3287,  
0.3758

 20.1780, 0.3405,  
0.4197


168.5083, 0.3276,  
0.3723

 12.5245, 0.3441,  
0.4363

207.8475, 0.3267,  
0.3693

 7.1020, 0.3485,  
0.4599

252.8773, 0.3258,  
0.3666

 3.5259, 0.3530,  
0.4960

303.9820, 0.3251,

 1.4121, 0.3893,

0.3643

0.6107

361.5460, 0.3244,  
0.3623

0.2256, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

60.3682, 0.3331,  
0.3908

60.3682, 0.3331,  
0.3908

58.6673, 0.3412,  
0.4190

62.2574, 0.3246,  
0.3636

57.1395, 0.3484,  
0.4475

64.3337, 0.3159,  
0.3380

55.7797, 0.3543,  
0.4750

66.6061, 0.3074,  
0.3143

54.5795, 0.3583,  
0.5004

69.0806, 0.2992,  
0.2927

■ 53.5292, 0.3600,  
0.5223

■ 71.0004, 0.2987,  
0.2839

■ 52.6183, 0.3594,  
0.5396

■ 72.3783, 0.3043,  
0.2847

■ 51.8338, 0.3563,  
0.5518

■ 73.8187, 0.3099,  
0.2855

■ 51.3918, 0.3536,  
0.5574

■ 75.0780, 0.3147,  
0.2861

# Harmonies

## Analogous

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



60.3682, 0.3636, 0.3872



60.3682, 0.3331, 0.3908



60.3682, 0.2982, 0.3751

# Triad

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



60.3682, 0.3331, 0.3908



60.3682, 0.2487, 0.2855



60.3682, 0.3579, 0.3123

# Complementary

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



60.3682, 0.3331, 0.3908



39.8976, 0.2883, 0.2655

# 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.



60.3682, 0.3246, 0.2886



60.3682, 0.3331, 0.3908



60.3682, 0.2625, 0.2728

# Square

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



60.3682, 0.3331, 0.3908



60.3682, 0.2507, 0.3113



60.3682, 0.2897, 0.2744



60.3682, 0.3789, 0.3407



# Rectangle

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



60.3682, 0.3331, 0.3908



60.3682, 0.2773, 0.3558



60.3682, 0.2897, 0.2744



60.3682, 0.3477, 0.3036

# Sweetspot

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



60.3708, 0.3331, 0.3908



97.6358, 0.3188, 0.3464



48.7970, 0.3565, 0.3515



20.8560, 0.3193, 0.3480



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

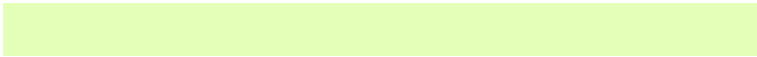


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3708, 0.3331, 0.3908



91.4238, 0.3369, 0.4037



57.4577, 0.3145, 0.3945



13.5633, 0.3208, 0.3524



31.0691, 0.3545, 0.5567



1.7820, 0.3664, 0.5473



# Inverse Universe

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



39.8976, 0.2883, 0.2655



55.1557, 0.2826, 0.2518



43.0747, 0.3095, 0.2694



11.6341, 0.3041, 0.3054



3.9329, 0.1821, 0.0777

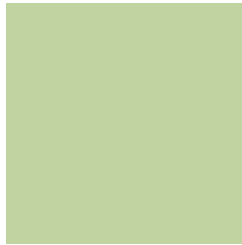


0.2649, 0.2032, 0.0893



# Previews

## White Background



This preview shows how the Yxy color 60.3682, 0.3331, 0.3908 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 60.3682, 0.3331, 0.3908 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

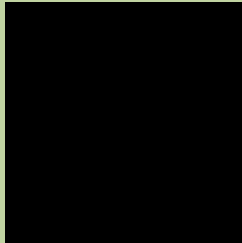
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.3682, 0.3331, 0.3908**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.3682, 0.3331, 0.3908.



This preview shows how white text looks on a background with the Yxy color 60.3682, 0.3331, 0.3908.

# 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

60.3682, 0.3331, 0.3908

### Protanopia

59.8979, 0.3583, 0.3828

### Deuteranopia

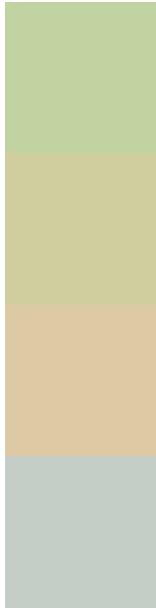
60.1647, 0.3718, 0.3646



## Tritanopia

60.1057, 0.2993, 0.3104

# Trichromacy



**Original Color**

60.3682, 0.3331, 0.3908

**Protanomaly**

60.0211, 0.3492, 0.3864

**Deuteranomaly**

59.7898, 0.3576, 0.3730

**Tritanomaly**

60.0901, 0.3115, 0.3386

# Monochromacy



**Original Color**

60.3682, 0.3331, 0.3908

**Achromatopsia**

57.7580, 0.3127, 0.3290

**Achromatomaly**

58.6012, 0.3202, 0.3508

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.3682, 0.3331, 0.3908 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(192, 211, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 211, 161)  
}
```

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(192, 211, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 211, 161) }
```

## Border

The CSS property to change the border of an element to Yxy 60.3682, 0.3331, 0.3908 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(192, 211, 161) }
```

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

```
.border{ border-color:rgb(192, 211, 161) }
```

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

Here you see how a box with a 4 pixel rgb(192, 211, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 211, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 211, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 211,  
161) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.3682, 0.3331, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 211, 161) }
```

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

```
.background{ background-color: rgb(192,  
211, 161) }
```

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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