

# Converting Colors

$Yxy(60.2982, 0.3517, 0.4078)$

Have a look what the booklet for  
Yxy(60.2982, 0.3517, 0.4078)  
contains.

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# Color

**Yxy(60.5550, 0.3518, 0.4077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9D291
RGB	201, 210, 145
RGB Percent	79%, 82%, 57%
CMY	0.2116, 0.1765, 0.4314
CMYK	0.04, 0.00, 0.31, 0.18
HSL	68°, 42%, 70%
HSV	68°, 31%, 82%
XYZ	52.2523, 60.5550, 35.7211
YIQ	199.8990, 15.5010, -22.1230

# Conversions

## Conversions Part 2

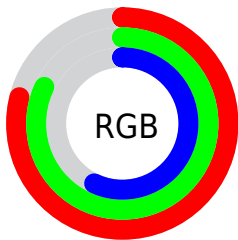
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 210, 154
Decimal	13226641
CIELab	82.14, -13.41, 31.27
CIELCh	82, 34.023, 113.220
Yxy	60.5550, 0.3518, 0.4077
Android (android.graphics.Color)	4291416721 (0xFFC9D291)
YUV	199.8990, -27.0652, 0.9656
Hunter-Lab	77.8171, -16.3215, 27.2556

# Details

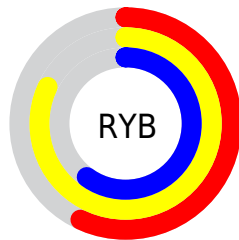
The Yxy color **60.5550, 0.3518, 0.4077** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.7689, 0.2655, 0.2405**, and the grayscale version is **57.8606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **30.6961, 0.3597, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **59.5712, 0.3637, 0.4332**, and if you desaturate by 10%, it is **61.6715, 0.3392, 0.3817**.

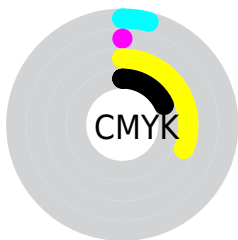
# Distribution



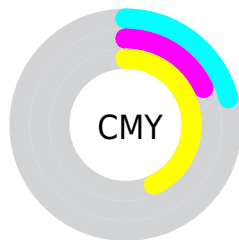
- Red (79%)
- Green (82%)
- Blue (57%)



- Red (57%)
- Yellow (82%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)




- Cyan (21%)
- Magenta (18%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5550, 0.3518, 0.4077 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 60.5550, 0.3518, 0.4077 by changing the saturation by 10% instead.




 60.5550, 0.3518,  
0.4077


 60.5550, 0.3518,  
0.4077


426.6405, 0.3339,  
0.3694

 43.8661, 0.3557,  
0.4169


 105.6343, 0.3457,  
0.3940

 30.5653, 0.3604,  
0.4284


 134.7936, 0.3433,  
0.3888

 20.2681, 0.3661,  
0.4432


168.8785, 0.3412,  
0.3844

 12.5900, 0.3730,  
0.4628

208.2733, 0.3394,  
0.3806

 7.1469, 0.3810,  
0.4898

253.3626, 0.3378,  
0.3772

 3.5541, 0.3933,  
0.5342

304.5306, 0.3363,

 1.4274, 0.4007,

0.3743

0.5993

362.1617, 0.3351,  
0.3717

■ 0.2368, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.5550, 0.3518,  
0.4077

■ 60.5550, 0.3518,  
0.4077

■ 59.5712, 0.3637,  
0.4332

■ 61.6715, 0.3392,  
0.3817

■ 58.7054, 0.3743,  
0.4572


■ 62.9186, 0.3265,  
0.3560


■ 57.9530, 0.3832,  
0.4787

■ 64.3050, 0.3139,  
0.3313

■ 57.3058, 0.3899,  
0.4966


■ 65.8358, 0.3018,  
0.3080


 56.7545, 0.3940,  
0.5103


 67.5163, 0.2903,  
0.2863


 56.2881, 0.3955,  
0.5194

 68.2777, 0.2892,  
0.2816

 55.9214, 0.3950,  
0.5245

 68.7289, 0.2912,  
0.2818

 69.1878, 0.2931,  
0.2821

 69.6546, 0.2951,  
0.2824

# Harmonies

## Analogous

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



60.5550, 0.3856, 0.3943



60.5550, 0.3518, 0.4077



60.5550, 0.3090, 0.3969

# Triad

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



60.5550, 0.3518, 0.4077



60.5550, 0.2326, 0.2838



60.5550, 0.3557, 0.2972

# Complementary

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



60.5550, 0.3518, 0.4077



31.7689, 0.2655, 0.2405

# Split Complementary

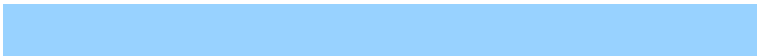
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.5550, 0.3117, 0.2719



60.5550, 0.3518, 0.4077



60.5550, 0.2428, 0.2629

# Square

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



60.5550, 0.3518, 0.4077



60.5550, 0.2417, 0.3201



60.5550, 0.2708, 0.2594



60.5550, 0.3889, 0.3304



# Rectangle

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



60.5550, 0.3518, 0.4077



60.5550, 0.2812, 0.3763



60.5550, 0.2708, 0.2594



60.5550, 0.3415, 0.2876

# Sweetspot

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



60.5577, 0.3518, 0.4077



98.0142, 0.3241, 0.3513



38.7459, 0.3791, 0.3401



20.9140, 0.3260, 0.3551



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.



60.5577, 0.3518, 0.4077



92.9580, 0.3596, 0.4243



56.5511, 0.3261, 0.4146



13.7116, 0.3245, 0.3521



34.1458, 0.3954, 0.5242



1.9325, 0.4001, 0.5205



# Inverse Universe

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



31.7689, 0.2655, 0.2405



41.5462, 0.2536, 0.2190



35.3628, 0.2941, 0.2473



11.4947, 0.3003, 0.3051



3.0228, 0.1557, 0.0632

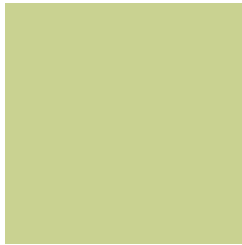


0.1950, 0.1696, 0.0708



# Previews

## White Background



This preview shows how the Yxy color 60.5550, 0.3518, 0.4077 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 60.5550, 0.3518, 0.4077 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

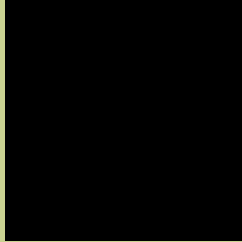
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

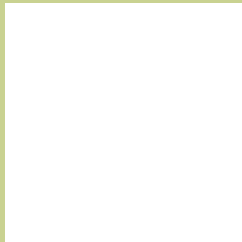
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 60.5550, 0.3518, 0.4077**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.5550, 0.3518, 0.4077.



This preview shows how white text looks on a background with the Yxy color 60.5550, 0.3518, 0.4077.

# 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

60.5550, 0.3518, 0.4077

### Protanopia

60.3544, 0.3717, 0.4007

### Deuteranopia

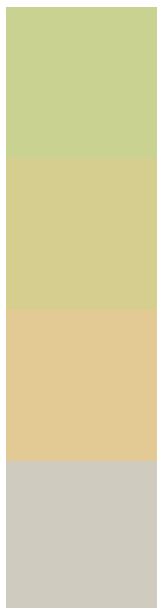
60.4952, 0.3890, 0.3813



## Tritanopia

60.4847, 0.3082, 0.3108

# Trichromacy



## Original Color

60.5550, 0.3518, 0.4077

## Protanomaly

60.2719, 0.3644, 0.4032

## Deuteranomaly

60.2108, 0.3750, 0.3904

## Tritanomaly

60.2127, 0.3244, 0.3443

# Monochromacy



## Original Color

60.5550, 0.3518, 0.4077

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

58.7604, 0.3269, 0.3581

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5550, 0.3518, 0.4077 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(201, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(201, 210, 145)  
}
```

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(201, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 210, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5550, 0.3518, 0.4077 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(201, 210, 145) }
```

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

```
.border{ border-color:rgb(201, 210, 145) }
```

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

Here you see how a box with a 4 pixel rgb(201, 210, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(201, 210,  
145) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5550, 0.3518, 0.4077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 210, 145) }
```

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

```
.background{ background-color: rgb(201,  
210, 145) }
```

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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