

# Converting Colors

Yxy(61.7942, 0.3487, 0.4144)

Have a look what the booklet for  
Yxy(61.7942, 0.3487, 0.4144)  
contains.

<b>Yxy(61.9466, 0.3488, 0.4153)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(61.9466, 0.3488, 0.4153)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D68F
RGB	197, 214, 143
RGB Percent	77%, 84%, 56%
CMY	0.2275, 0.1608, 0.4393
CMYK	0.08, 0.00, 0.33, 0.16
HSL	74°, 46%, 70%
HSV	74°, 33%, 84%
XYZ	52.0274, 61.9466, 35.1871
YIQ	200.8230, 12.6590, -25.6850

# Conversions

## Conversions Part 2

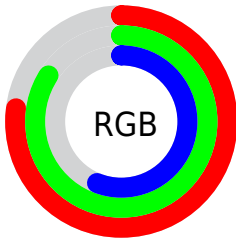
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 214, 160
Decimal	12965519
CIELab	82.89, -17.22, 33.24
CIElCh	83, 37.438, 117.381
Yxy	61.9466, 0.3488, 0.4153
Android (android.graphics.Color)	4291155599 (0xFFC5D68F)
YUV	200.8230, -28.5067, -3.3528
Hunter-Lab	78.7062, -19.7414, 28.5876

# Details

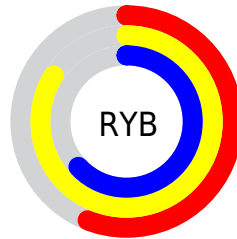
The Yxy color **61.9466, 0.3488, 0.4153** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9617, 0.2675, 0.2345**, and the grayscale version is **58.4666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6220, 0.3465, 0.3861**, and **31.3198, 0.3558, 0.4372** is the 20% darker color. If you saturate the color by 10%, you get **60.6815, 0.3586, 0.4419**, and if you desaturate by 10%, it is **63.3645, 0.3382, 0.3884**.

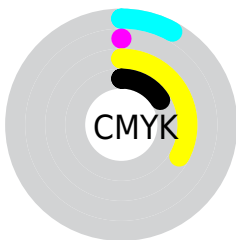
# Distribution



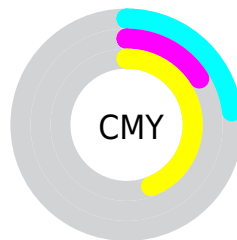
- Red (77%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (63%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)




- Cyan (23%)
- Magenta (16%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9466, 0.3488, 0.4153 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 61.9466, 0.3488, 0.4153 by changing the saturation by 10% instead.




 61.9466, 0.3488,  
0.4153


 61.9466, 0.3488,  
0.4153


431.7363, 0.3327,  
0.3732

 44.9896, 0.3522,  
0.4254


 107.6483, 0.3434,  
0.4003

 31.4492, 0.3562,  
0.4380


 137.1618, 0.3412,  
0.3946

 20.9411, 0.3610,  
0.4543


171.6296, 0.3393,  
0.3897

 13.0810, 0.3664,  
0.4759

211.4360, 0.3377,  
0.3855

 7.4843, 0.3721,  
0.5056

256.9655, 0.3362,  
0.3818

 3.7668, 0.3810,  
0.5550

308.6025, 0.3349,

 1.5440, 0.3782,

0.3786

0.6218

366.7312, 0.3337,  
0.3757

0.3194, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.9466, 0.3488,  
0.4153

61.9466, 0.3488,  
0.4153

60.6815, 0.3586,  
0.4419

63.3645, 0.3382,  
0.3884

59.5535, 0.3671,  
0.4672


64.9336, 0.3272,  
0.3620


58.5575, 0.3736,  
0.4900


66.6629, 0.3162,  
0.3367

57.6845, 0.3779,  
0.5092


68.5584, 0.3055,  
0.3131


 56.9243, 0.3796,  
0.5239


 70.6255, 0.2953,  
0.2912


 56.2643, 0.3788,  
0.5340

 71.7698, 0.2956,  
0.2867

 55.8586, 0.3771,  
0.5387

 72.6193, 0.2992,  
0.2871

 73.4938, 0.3027,  
0.2876

 74.3936, 0.3062,  
0.2880

# Harmonies

## Analogous

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



61.9466, 0.3879, 0.4032



61.9466, 0.3488, 0.4153



61.9466, 0.3018, 0.3999

# Triad

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



61.9466, 0.3488, 0.4153



61.9466, 0.2262, 0.2752



61.9466, 0.3657, 0.2989

# Complementary

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



61.9466, 0.3488, 0.4153



31.9617, 0.2675, 0.2345

# 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.



61.9466, 0.3182, 0.2702



61.9466, 0.3488, 0.4153



61.9466, 0.2400, 0.2556

# Square

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



61.9466, 0.3488, 0.4153



61.9466, 0.2329, 0.3127



61.9466, 0.2725, 0.2546



61.9466, 0.3993, 0.3354



# Rectangle

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



61.9466, 0.3488, 0.4153



61.9466, 0.2725, 0.3751



61.9466, 0.2725, 0.2546



61.9466, 0.3506, 0.2882

# Sweetspot

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



61.9494, 0.3488, 0.4153



97.3253, 0.3237, 0.3540



41.2630, 0.3829, 0.3497



20.7554, 0.3253, 0.3577



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

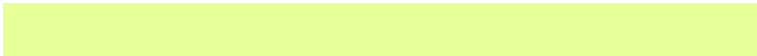


# Same Dimension

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



61.9494, 0.3488, 0.4153



90.7380, 0.3560, 0.4346



57.7517, 0.3216, 0.4233



14.3632, 0.3230, 0.3523



33.8099, 0.3778, 0.5382



2.0761, 0.3853, 0.5323



# Inverse Universe

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



31.9617, 0.2675, 0.2345



39.3997, 0.2552, 0.2110



36.1009, 0.2989, 0.2426



12.1508, 0.3018, 0.3052



3.4042, 0.1639, 0.0676

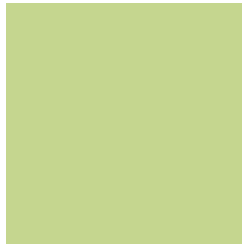


0.2440, 0.1816, 0.0774



# Previews

## White Background



This preview shows how the Yxy color 61.9466, 0.3488, 0.4153 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

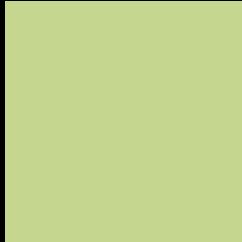
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.9466, 0.3488, 0.4153 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

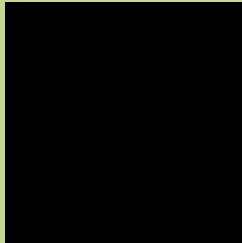
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.9466, 0.3488, 0.4153**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.9466, 0.3488, 0.4153.



This preview shows how white text looks on a background with the Yxy color 61.9466, 0.3488, 0.4153.

# 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

61.9466, 0.3488, 0.4153

### Protanopia

61.7240, 0.3749, 0.4043

### Deuteranopia

61.4516, 0.3919, 0.3829



## Tritanopia

61.6184, 0.3038, 0.3107

# Trichromacy



## Original Color

61.9466, 0.3488, 0.4153

## Protanomaly

61.8202, 0.3656, 0.4084

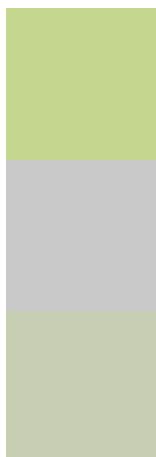
## Deuteranomaly

61.2812, 0.3758, 0.3934

## Tritanomaly

61.6140, 0.3202, 0.3479

# Monochromacy



## Original Color

61.9466, 0.3488, 0.4153

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

59.7173, 0.3267, 0.3604

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.9466, 0.3488, 0.4153 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(197, 214, 143)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 143)  
}
```

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(197, 214, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 61.9466, 0.3488, 0.4153 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(197, 214, 143) }
```

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

```
.border{ border-color:rgb(197, 214, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 214, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 143);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.9466, 0.3488, 0.4153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 143) }
```

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

```
.background{ background-color: rgb(197,  
214, 143) }
```

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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