

# Converting Colors

Yxy(62.6653, 0.3409, 0.4028)

Have a look what the booklet for  
Yxy(62.6653, 0.3409, 0.4028)  
contains.

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# Color

**Yxy(62.8043, 0.3411, 0.4030)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5D79A
RGB	197, 215, 154
RGB Percent	77%, 84%, 60%
CMY	0.2274, 0.1568, 0.3962
CMYK	0.08, 0.00, 0.28, 0.16
HSL	78°, 43%, 72%
HSV	78°, 28%, 84%
XYZ	53.1577, 62.8043, 39.8800
YIQ	202.6640, 8.8530, -22.7870

# Conversions

## Conversions Part 2

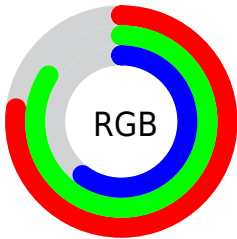
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 215, 172
Decimal	12965786
CIELab	83.34, -16.24, 28.18
CIElCh	83, 32.521, 119.949
Yxy	62.8043, 0.3411, 0.4030
Android (android.graphics.Color)	4291155866 (0xFFC5D79A)
YUV	202.6640, -23.9914, -4.9673
Hunter-Lab	79.2492, -18.9542, 25.6384

# Details

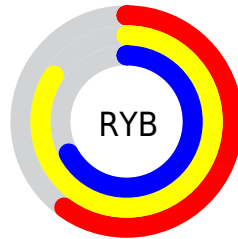
The Yxy color **62.8043, 0.3411, 0.4030** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.7770, 0.2780, 0.2504**, and the grayscale version is **59.6487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1943, 0.3393, 0.3742**, and **31.9406, 0.3479, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **61.3155, 0.3504, 0.4305**, and if you desaturate by 10%, it is **64.4630, 0.3312, 0.3758**.

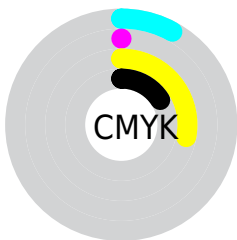
# Distribution



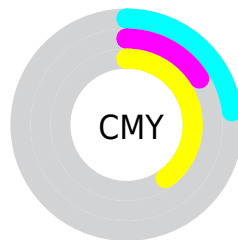
- Red (77%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (84%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)




- Cyan (23%)
- Magenta (16%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8043, 0.3411, 0.4030 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 62.8043, 0.3411, 0.4030 by changing the saturation by 10% instead.




 62.8043, 0.3411,  
0.4030

 62.8043, 0.3411,  
0.4030


434.8589, 0.3283,  
0.3669

 45.6829, 0.3438,  
0.4117


 108.8871, 0.3368,  
0.3901

 31.9957, 0.3471,  
0.4226


 138.6174, 0.3351,  
0.3852

 21.3582, 0.3510,  
0.4367


173.3193, 0.3336,  
0.3810

 13.3861, 0.3557,  
0.4556

213.3774, 0.3323,  
0.3774

 7.6949, 0.3610,  
0.4820

259.1760, 0.3311,  
0.3743

 3.9004, 0.3662,  
0.5211

311.0995, 0.3301,

 1.6180, 0.3863,

0.3715

0.6137

369.5324, 0.3292,  
0.3691

0.3697, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

62.8043, 0.3411,  
0.4030

62.8043, 0.3411,  
0.4030

61.3155, 0.3504,  
0.4305

64.4630, 0.3312,  
0.3758

59.9810, 0.3585,  
0.4574


66.2900, 0.3211,  
0.3497

58.7955, 0.3651,  
0.4826


68.2945, 0.3111,  
0.3252

57.7505, 0.3695,  
0.5048


70.4824, 0.3015,  
0.3024


 56.8358, 0.3715,  
0.5229


 72.4352, 0.2963,  
0.2878


 56.0400, 0.3710,  
0.5363


 73.4959, 0.3007,  
0.2884

 55.3459, 0.3682,  
0.5451

 74.5952, 0.3050,  
0.2889

 55.2395, 0.3676,  
0.5463

 75.7333, 0.3095,  
0.2894

 76.9107, 0.3139,  
0.2900

# Harmonies

## Analogous

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



62.8043, 0.3758, 0.3953



62.8043, 0.3411, 0.4030



62.8043, 0.3002, 0.3873

# Triad

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



62.8043, 0.3411, 0.4030



62.8043, 0.2373, 0.2805



62.8043, 0.3617, 0.3055

# Complementary

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



62.8043, 0.3411, 0.4030



36.7770, 0.2780, 0.2504

# Split Complementary

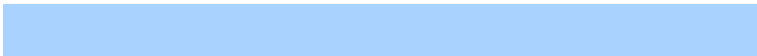
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.8043, 0.3213, 0.2793



62.8043, 0.3411, 0.4030



62.8043, 0.2511, 0.2642

# Square

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



62.8043, 0.3411, 0.4030



62.8043, 0.2419, 0.3121



62.8043, 0.2810, 0.2644



62.8043, 0.3890, 0.3380



# Rectangle

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



62.8043, 0.3411, 0.4030



62.8043, 0.2750, 0.3654



62.8043, 0.2810, 0.2644



62.8043, 0.3491, 0.2958

# Sweetspot

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



62.8071, 0.3411, 0.4030



97.3476, 0.3218, 0.3515



46.0066, 0.3690, 0.3502



20.7490, 0.3233, 0.3553



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

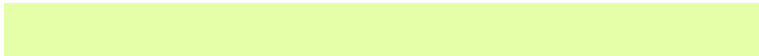


# Same Dimension

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



62.8071, 0.3411, 0.4030



91.0864, 0.3467, 0.4194



59.1733, 0.3184, 0.4086



14.3275, 0.3221, 0.3523



33.0947, 0.3684, 0.5457



2.0379, 0.3775, 0.5385



# Inverse Universe

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



36.7770, 0.2780, 0.2504



46.7889, 0.2691, 0.2318



40.5352, 0.3041, 0.2562



12.1844, 0.3027, 0.3052



3.6228, 0.1701, 0.0710



0.2610, 0.1889, 0.0814



# Previews

## White Background



This preview shows how the Yxy color 62.8043, 0.3411, 0.4030 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 62.8043, 0.3411, 0.4030 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

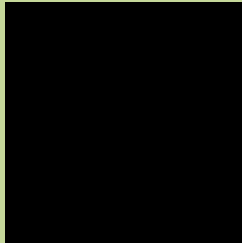
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.8043, 0.3411, 0.4030**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.8043, 0.3411, 0.4030.



This preview shows how white text looks on a background with the Yxy color 62.8043, 0.3411, 0.4030.

# 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

62.8043, 0.3411, 0.4030

### Protanopia

62.5480, 0.3665, 0.3930

### Deuteranopia

62.5143, 0.3823, 0.3745



## Tritanopia

62.5384, 0.3017, 0.3108

# Trichromacy



**Original Color**

62.8043, 0.3411, 0.4030

**Protanomaly**

62.6563, 0.3574, 0.3967

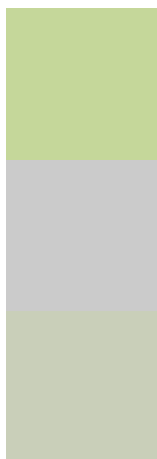
**Deuteranomaly**

62.3938, 0.3668, 0.3845

**Tritanomaly**

62.3287, 0.3166, 0.3431

# Monochromacy



**Original Color**

62.8043, 0.3411, 0.4030

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

60.5459, 0.3237, 0.3554

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.8043, 0.3411, 0.4030 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, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 154)  
}
```

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, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 154) }
```

## Border

The CSS property to change the border of an element to Yxy 62.8043, 0.3411, 0.4030 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, 215, 154) }
```

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

```
.border{ border-color:rgb(197, 215, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 215, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
154) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.8043, 0.3411, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 154) }
```

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

```
.background{ background-color: rgb(197,  
215, 154) }
```

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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