

# Converting Colors

Yxy(61.6222, 0.3417, 0.4289)

Have a look what the booklet for  
Yxy(61.6222, 0.3417, 0.4289)  
contains.

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# Color

**Yxy(61.6222, 0.3417, 0.4289)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8D989
RGB	184, 217, 137
RGB Percent	72%, 85%, 54%
CMY	0.2784, 0.1490, 0.4629
CMYK	0.15, 0.00, 0.37, 0.15
HSL	85°, 51%, 69%
HSV	85°, 37%, 85%
XYZ	49.0937, 61.6222, 32.9590
YIQ	198.0130, 6.0120, -31.8760

# Conversions

## Conversions Part 2

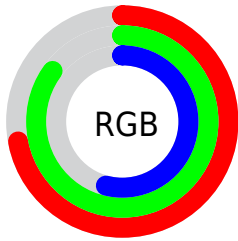
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 217, 170
Decimal	12114313
CIELab	82.71, -24.31, 35.91
CIELCh	83, 43.361, 124.099
Yxy	61.6222, 0.3417, 0.4289
Android (android.graphics.Color)	4290304393 (0xFFB8D989)
YUV	198.0130, -30.0794, -12.2894
Hunter-Lab	78.4998, -25.7409, 30.0563

# Details

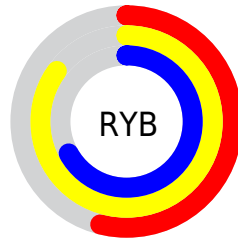
The Yxy color **61.6222, 0.3417, 0.4289** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **31.4333, 0.2733, 0.2258**, and the grayscale version is **56.6637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9824, 0.3414, 0.3940**, and **31.2584, 0.3468, 0.4553** is the 20% darker color. If you saturate the color by 10%, you get **59.9933, 0.3480, 0.4577**, and if you desaturate by 10%, it is **63.4516, 0.3344, 0.4001**.

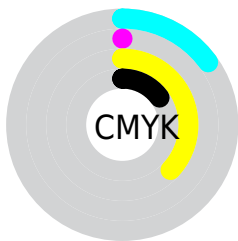
# Distribution



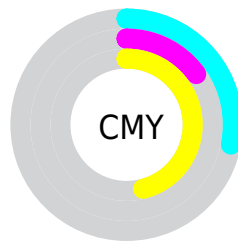
- Red (72%)
- Green (85%)
- Blue (54%)



- Red (54%)
- Yellow (85%)
- Blue (67%)



- Cyan (15%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)




- Cyan (28%)
- Magenta (15%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6222, 0.3417, 0.4289 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 61.6222, 0.3417, 0.4289 by changing the saturation by 10% instead.





 61.6222, 0.3417,  
0.4289


 61.6222, 0.3417,  
0.4289


430.5517, 0.3294,  
0.3796

 44.7275, 0.3441,  
0.4408


 107.1793, 0.3378,  
0.4112

 31.2428, 0.3467,  
0.4559


 136.6105, 0.3361,  
0.4045

 20.7838, 0.3494,  
0.4754


 170.9894, 0.3347,  
0.3988

 12.9661, 0.3520,  
0.5014

210.7002, 0.3334,  
0.3939

 7.4052, 0.3530,  
0.5372

256.1275, 0.3322,  
0.3896

 3.7168, 0.3583,  
0.6047

307.6555, 0.3312,

 1.5164, 0.3292,

0.3859

0.6708

365.6688, 0.3302,  
0.3825

0.3002, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

61.6222, 0.3417,  
0.4289

61.6222, 0.3417,  
0.4289

59.9933, 0.3480,  
0.4577

63.4516, 0.3344,  
0.4001

58.5481, 0.3528,  
0.4852


65.4816, 0.3265,  
0.3723

57.2794, 0.3556,  
0.5103

67.7225, 0.3183,  
0.3460

56.1766, 0.3561,  
0.5314


70.1816, 0.3102,  
0.3216

 55.2270, 0.3542,  
0.5476


 72.8656, 0.3024,  
0.2994

 54.4149, 0.3501,  
0.5586

 74.9723, 0.3025,  
0.2906

 54.1820, 0.3486,  
0.5614

 76.5570, 0.3086,  
0.2914

 78.1090, 0.3145,  
0.2920

# Harmonies

## Analogous

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



61.6222, 0.3904, 0.4199



61.6222, 0.3417, 0.4289



61.6222, 0.2876, 0.4038

# Triad

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



61.6222, 0.3417, 0.4289



61.6222, 0.2153, 0.2597



61.6222, 0.3849, 0.3029

# Complementary

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



61.6222, 0.3417, 0.4289



31.4333, 0.2733, 0.2258

# Split Complementary

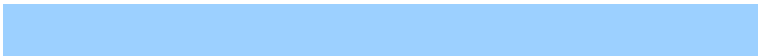
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.6222, 0.3314, 0.2680



61.6222, 0.3417, 0.4289



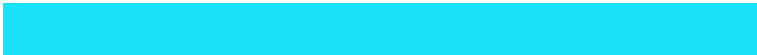
61.6222, 0.2358, 0.2428

# Square

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



61.6222, 0.3417, 0.4289



61.6222, 0.2175, 0.2981



61.6222, 0.2768, 0.2465



61.6222, 0.4183, 0.3451



# Rectangle

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



61.6222, 0.3417, 0.4289



61.6222, 0.2559, 0.3710



61.6222, 0.2768, 0.2465



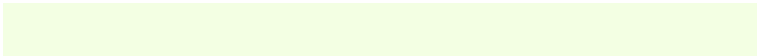
61.6222, 0.3684, 0.2902

# Sweetspot

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



61.6249, 0.3417, 0.4289



96.1954, 0.3217, 0.3569



44.9265, 0.3876, 0.3680



20.4951, 0.3229, 0.3605



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

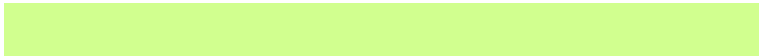


# Same Dimension

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



61.6249, 0.3417, 0.4289



87.0143, 0.3466, 0.4506



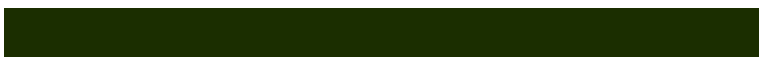
57.4509, 0.3129, 0.4385



14.9824, 0.3204, 0.3525



32.8600, 0.3496, 0.5606



2.1789, 0.3607, 0.5518



# Inverse Universe

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



31.4333, 0.2733, 0.2258



37.6316, 0.2629, 0.2026



36.4466, 0.3094, 0.2361



12.8780, 0.3045, 0.3053



4.3910, 0.1869, 0.0803



0.3342, 0.2054, 0.0905



# Previews

## White Background



This preview shows how the Yxy color 61.6222, 0.3417, 0.4289 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 61.6222, 0.3417, 0.4289 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

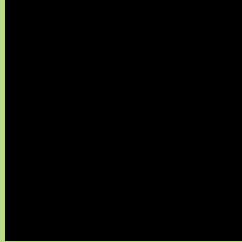
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.6222, 0.3417, 0.4289**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.6222, 0.3417, 0.4289.



This preview shows how white text looks on a background with the Yxy color 61.6222, 0.3417, 0.4289.

# 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

61.6222, 0.3417, 0.4289

### Protanopia

61.0166, 0.3811, 0.4121

### Deuteranopia

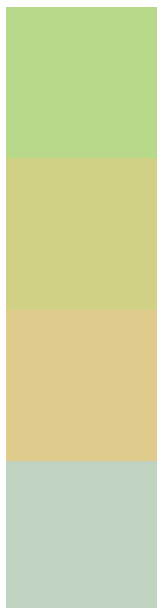
61.2681, 0.3966, 0.3892



## Tritanopia

61.6891, 0.2939, 0.3104

# Trichromacy



**Original Color**

61.6222, 0.3417, 0.4289

**Protanomaly**

60.8775, 0.3663, 0.4176

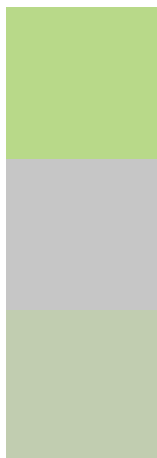
**Deuteranomaly**

60.7672, 0.3757, 0.4022

**Tritanomaly**

61.6008, 0.3116, 0.3519

# Monochromacy



**Original Color**

61.6222, 0.3417, 0.4289

**Achromatopsia**

56.4712, 0.3127, 0.3290

**Achromatomaly**

58.1347, 0.3242, 0.3648

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.6222, 0.3417, 0.4289 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(184, 217, 137)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 137)  
}
```

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(184, 217, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 137) }
```

## Border

The CSS property to change the border of an element to Yxy 61.6222, 0.3417, 0.4289 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(184, 217, 137) }
```

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

```
.border{ border-color:rgb(184, 217, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 137);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
137) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.6222, 0.3417, 0.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 137) }
```

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

```
.background{ background-color: rgb(184,  
217, 137) }
```

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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