

Converting Colors

$Yxy(61.7827, 0.3402, 0.4233)$

Have a look what the booklet for
Yxy(61.7827, 0.3402, 0.4233)
contains.

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Color

Yxy(61.8631, 0.3399, 0.4237)

Conversions

Conversions Part 1

Format	Color
Hex	B9D98D
RGB	185, 217, 141
RGB Percent	73%, 85%, 55%
CMY	0.2745, 0.1490, 0.4471
CMYK	0.15, 0.00, 0.35, 0.15
HSL	85°, 50%, 70%
HSV	85°, 35%, 85%
XYZ	49.6277, 61.8631, 34.5160
YIQ	198.7680, 5.3240, -30.4200

Conversions

Conversions Part 2

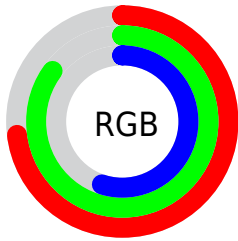
Format	Color
RYB	141, 217, 173
Decimal	12179853
CIELab	82.84, -23.41, 34.05
CIELCh	83, 41.319, 124.517
Yxy	61.8631, 0.3399, 0.4237
Android (android.graphics.Color)	4290369933 (0xFFB9D98D)
YUV	198.7680, -28.4796, -12.0745
Hunter-Lab	78.6531, -25.0148, 29.0384

Details

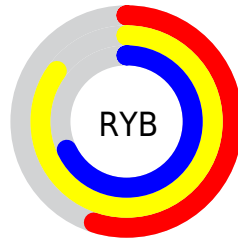
The Yxy color **61.8631, 0.3399, 0.4237** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.9362, 0.2763, 0.2317**, and the grayscale version is **57.1398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3374, 0.3397, 0.3897**, and **31.4041, 0.3447, 0.4487** is the 20% darker color. If you saturate the color by 10%, you get **60.1821, 0.3463, 0.4527**, and if you desaturate by 10%, it is **63.7491, 0.3326, 0.3950**.

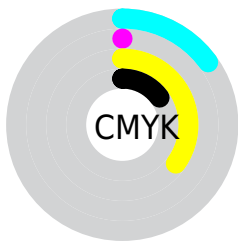
Distribution



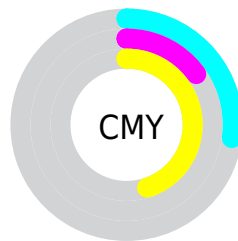
- Red (73%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (68%)



- Cyan (15%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)





- Cyan (27%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8631, 0.3399, 0.4237 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 61.8631, 0.3399, 0.4237 by changing the saturation by 10% instead.


 61.8631, 0.3399,
0.4237


 61.8631, 0.3399,
0.4237


431.4315, 0.3283,
0.3770


 44.9221, 0.3422,
0.4350


 107.5276, 0.3361,
0.4070

 31.3961, 0.3447,
0.4493


 137.0200, 0.3346,
0.4006

 20.9006, 0.3475,
0.4678


 171.4649, 0.3332,
0.3952

 13.0514, 0.3501,
0.4926

211.2467, 0.3320,
0.3905

 7.4639, 0.3517,
0.5270

256.7499, 0.3309,
0.3865

 3.7539, 0.3549,
0.5868

308.3588, 0.3300,

 1.5369, 0.3365,

0.3829

0.6635

366.4579, 0.3291,
0.3798

0.3145, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8631, 0.3399,
0.4237

61.8631, 0.3399,
0.4237

60.1821, 0.3463,
0.4527

63.7491, 0.3326,
0.3950

58.6892, 0.3512,
0.4807


65.8400, 0.3247,
0.3673

57.3774, 0.3543,
0.5065


68.1463, 0.3167,
0.3413

56.2361, 0.3551,
0.5286

70.6751, 0.3088,
0.3173

 55.2531, 0.3535,
0.5459

 73.4332, 0.3011,
0.2955

 54.4137, 0.3497,
0.5579

 75.3404, 0.3039,
0.2908

 54.0385, 0.3473,
0.5624

 76.9779, 0.3102,
0.2915

 78.1084, 0.3145,
0.2920

Harmonies

Analogous

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



61.8631, 0.3864, 0.4160



61.8631, 0.3399, 0.4237



61.8631, 0.2883, 0.3993

Triad

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



61.8631, 0.3399, 0.4237



61.8631, 0.2196, 0.2626



61.8631, 0.3821, 0.3048

Complementary

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



61.8631, 0.3399, 0.4237



32.9362, 0.2763, 0.2317

Split Complementary

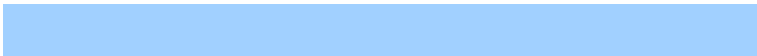
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.8631, 0.3314, 0.2711



61.8631, 0.3399, 0.4237



61.8631, 0.2397, 0.2465

Square

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



61.8631, 0.3399, 0.4237



61.8631, 0.2215, 0.2992



61.8631, 0.2792, 0.2502



61.8631, 0.4134, 0.3453

Rectangle

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



61.8631, 0.3399, 0.4237



61.8631, 0.2581, 0.3682



61.8631, 0.2792, 0.2502



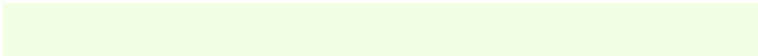
61.8631, 0.3665, 0.2924

Sweetspot

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



61.8658, 0.3399, 0.4237



96.1524, 0.3216, 0.3569



46.4310, 0.3823, 0.3675



20.4849, 0.3227, 0.3605



0.0000, 0.0000, 0.0000



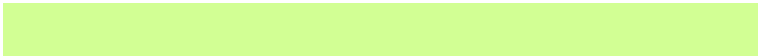
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8658, 0.3399, 0.4237



87.3448, 0.3447, 0.4450



57.7832, 0.3121, 0.4324



14.9767, 0.3203, 0.3525



32.7737, 0.3483, 0.5617



2.1735, 0.3596, 0.5527

Inverse Universe

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



32.9362, 0.2763, 0.2317



39.7033, 0.2665, 0.2091



37.8543, 0.3108, 0.2410



12.8836, 0.3046, 0.3053



4.4486, 0.1884, 0.0811



0.3382, 0.2068, 0.0913

Previews

White Background



This preview shows how the Yxy color 61.8631, 0.3399, 0.4237 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 61.8631, 0.3399, 0.4237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

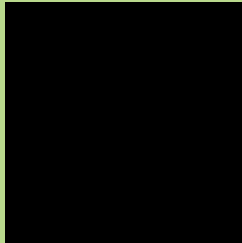
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8631, 0.3399, 0.4237

Background



This preview shows how black text looks on a background with the Yxy color 61.8631, 0.3399, 0.4237.



This preview shows how white text looks on a background with the Yxy color 61.8631, 0.3399, 0.4237.

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

61.8631, 0.3399, 0.4237

Protanopia

61.6082, 0.3778, 0.4087

Deuteranopia

61.3893, 0.3934, 0.3850



Tritanopia

61.8237, 0.2946, 0.3105

Trichromacy



Original Color

61.8631, 0.3399, 0.4237

Protanomaly

61.4835, 0.3632, 0.4141

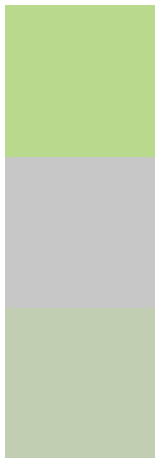
Deuteranomaly

60.8873, 0.3727, 0.3978

Tritanomaly

61.7762, 0.3117, 0.3507

Monochromacy



Original Color

61.8631, 0.3399, 0.4237

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.8263, 0.3234, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8631, 0.3399, 0.4237 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(185, 217, 141)` looks like.

```
.text, #text, p{  
    color:rgb(185, 217, 141)  
}
```

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(185, 217, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 217, 141) }
```

Border

The CSS property to change the border of an element to Yxy 61.8631, 0.3399, 0.4237 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(185, 217, 141) }
```

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

```
.border{ border-color:rgb(185, 217, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 217, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 217, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 217, 141);  
box-shadow:4px 4px 4px 4px rgb(185, 217,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8631, 0.3399, 0.4237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 217, 141) }
```

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

```
.background{ background-color: rgb(185,  
217, 141) }
```

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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