

Converting Colors

Yxy(59.8051, 0.3499, 0.4470)

Have a look what the booklet for
Yxy(59.8051, 0.3499, 0.4470)
contains.

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Color

Yxy(59.8051, 0.3499, 0.4470)

Conversions

Conversions Part 1

Format	Color
Hex	B5D779
RGB	181, 215, 121
RGB Percent	71%, 84%, 47%
CMY	0.2901, 0.1569, 0.5254
CMYK	0.16, 0.00, 0.44, 0.16
HSL	82°, 54%, 66%
HSV	82°, 44%, 84%
XYZ	46.8139, 59.8051, 27.1732
YIQ	194.1180, 9.9100, -36.4420

Conversions

Conversions Part 2

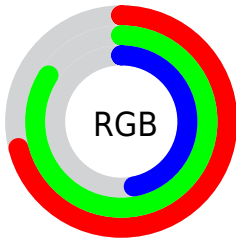
Format	Color
RYB	121, 215, 155
Decimal	11917177
CIELab	81.73, -26.39, 42.59
CIElCh	82, 50.101, 121.791
Yxy	59.8051, 0.3499, 0.4470
Android (android.graphics.Color)	4290107257 (0xFFB5D779)
YUV	194.1180, -36.0472, -11.5045
Hunter-Lab	77.3338, -27.2794, 33.3006

Details

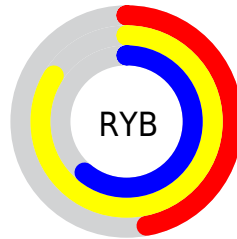
The Yxy color **59.8051, 0.3499, 0.4470** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **25.5555, 0.2596, 0.2033**, and the grayscale version is **54.2409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7923, 0.3487, 0.4108**, and **30.0194, 0.3553, 0.4787** is the 20% darker color. If you saturate the color by 10%, you get **58.4239, 0.3561, 0.4742**, and if you desaturate by 10%, it is **61.3615, 0.3423, 0.4188**.

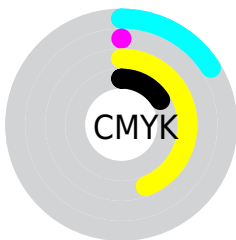
Distribution



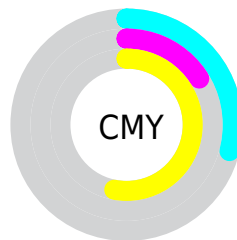
- Red (71%)
- Green (84%)
- Blue (47%)



- Red (47%)
- Yellow (84%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (44%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8051, 0.3499, 0.4470 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 59.8051, 0.3499, 0.4470 by changing the saturation by 10% instead.

 59.8051, 0.3499,
0.4470


 59.8051, 0.3499,
0.4470


423.8790, 0.3343,
0.3886

 43.2616, 0.3527,
0.4611


 104.5469, 0.3450,
0.4261

 30.0904, 0.3557,
0.4787


 133.5139, 0.3429,
0.4181

 19.9072, 0.3586,
0.5014


 167.3909, 0.3411,
0.4113

 12.3276, 0.3606,
0.5311

206.5623, 0.3395,
0.4055

 6.9672, 0.3595,
0.5710

251.4123, 0.3380,
0.4004

 3.4416, 0.3585,
0.6415

302.3256, 0.3366,

 1.3664, 0.3016,

0.3960

0.6984

359.6863, 0.3354,
0.3921

■ 0.1918, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8051, 0.3499,
0.4470

■ 59.8051, 0.3499,
0.4470

■ 58.4239, 0.3561,
0.4742

■ 61.3615, 0.3423,
0.4188

■ 57.2013, 0.3604,
0.4993

■ 63.0933, 0.3339,
0.3907

■ 56.1302, 0.3625,
0.5208


■ 65.0104, 0.3250,
0.3636

■ 55.1994, 0.3621,
0.5377


■ 67.1199, 0.3160,
0.3380


 54.3957, 0.3593,
0.5496

 69.4281, 0.3072,
0.3143

 53.9414, 0.3566,
0.5550

 71.9413, 0.2987,
0.2926

 73.5549, 0.3009,
0.2884

 74.9101, 0.3063,
0.2890

 76.3238, 0.3117,
0.2897

Harmonies

Analogous

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



59.8051, 0.4055, 0.4314



59.8051, 0.3499, 0.4470



59.8051, 0.2873, 0.4214

Triad

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



59.8051, 0.3499, 0.4470



59.8051, 0.2004, 0.2508



59.8051, 0.3927, 0.2950

Complementary

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



59.8051, 0.3499, 0.4470



25.5555, 0.2596, 0.2033

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.



59.8051, 0.3289, 0.2566



59.8051, 0.3499, 0.4470



59.8051, 0.2216, 0.2305

Square

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



59.8051, 0.3499, 0.4470



59.8051, 0.2045, 0.2963



59.8051, 0.2664, 0.2336



59.8051, 0.4342, 0.3422

Rectangle

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



59.8051, 0.3499, 0.4470



59.8051, 0.2502, 0.3833



59.8051, 0.2664, 0.2336



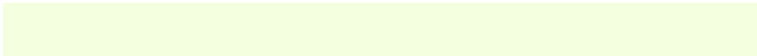
59.8051, 0.3727, 0.2808

Sweetspot

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



59.8077, 0.3499, 0.4470



95.8436, 0.3245, 0.3621



38.9114, 0.4086, 0.3696



20.3739, 0.3265, 0.3680



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.



59.8077, 0.3499, 0.4470



86.2103, 0.3554, 0.4711



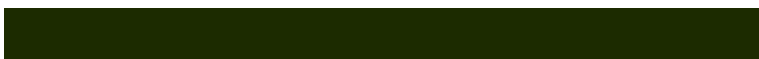
55.1416, 0.3156, 0.4608



14.2851, 0.3211, 0.3524



32.3262, 0.3576, 0.5543



1.9957, 0.3683, 0.5458

Inverse Universe

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



25.5555, 0.2596, 0.2033



29.8206, 0.2458, 0.1757



30.9913, 0.3037, 0.2180



12.2250, 0.3037, 0.3053



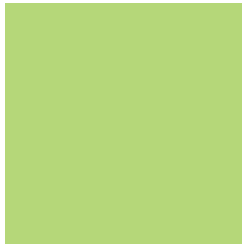
3.9509, 0.1791, 0.0760



0.2843, 0.1987, 0.0868

Previews

White Background



This preview shows how the Yxy color 59.8051, 0.3499, 0.4470 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 59.8051, 0.3499, 0.4470 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 59.8051, 0.3499, 0.4470

Background



This preview shows how black text looks on a background with the Yxy color 59.8051, 0.3499, 0.4470.



This preview shows how white text looks on a background with the Yxy color 59.8051, 0.3499, 0.4470.

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

59.8051, 0.3499, 0.4470

Protanopia

59.5258, 0.3916, 0.4262

Deuteranopia

59.5024, 0.4096, 0.4014



Tritanopia

59.8224, 0.2943, 0.3102

Trichromacy



Original Color

59.8051, 0.3499, 0.4470

Protanomaly

59.1991, 0.3763, 0.4341

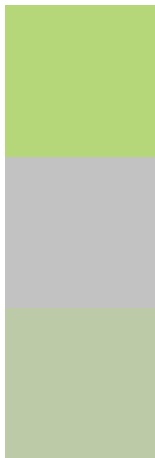
Deuteranomaly

59.2259, 0.3873, 0.4179

Tritanomaly

59.3913, 0.3151, 0.3585

Monochromacy



Original Color

59.8051, 0.3499, 0.4470

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.8499, 0.3279, 0.3731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8051, 0.3499, 0.4470 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(181, 215, 121)` looks like.

```
.text, #text, p{  
    color:rgb(181, 215, 121)  
}
```

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(181, 215, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 215, 121) }
```

Border

The CSS property to change the border of an element to Yxy 59.8051, 0.3499, 0.4470 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(181, 215, 121) }
```

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

```
.border{ border-color:rgb(181, 215, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 215, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 215, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 215, 121);  
box-shadow:4px 4px 4px 4px rgb(181, 215,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8051, 0.3499, 0.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 215, 121) }
```

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

```
.background{ background-color: rgb(181,  
215, 121) }
```

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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