

Converting Colors

Yxy(59.1840, 0.3523, 0.4430)

Have a look what the booklet for
Yxy(59.1840, 0.3523, 0.4430)
contains.

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Color

Yxy(59.1840, 0.3523, 0.4430)

Conversions

Conversions Part 1

Format	Color
Hex	B8D57A
RGB	184, 213, 122
RGB Percent	72%, 84%, 48%
CMY	0.2786, 0.1646, 0.5217
CMYK	0.14, 0.00, 0.43, 0.16
HSL	79°, 52%, 66%
HSV	79°, 43%, 84%
XYZ	47.0666, 59.1840, 27.3476
YIQ	193.9550, 11.9270, -34.4490

Conversions

Conversions Part 2

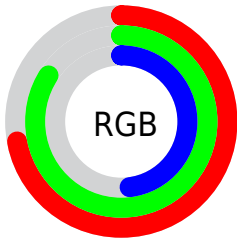
Format	Color
R _Y B	122, 213, 151
Decimal	12113274
CIE Lab	81.39, -24.22, 41.73
CIE LCh	81, 48.251, 120.132
Yxy	59.1840, 0.3523, 0.4430
Android (android.graphics.Color)	4290303354 (0xFFB8D57A)
YUV	193.9550, -35.4738, -8.7305
Hunter-Lab	76.9311, -25.4228, 32.7753

Details

The Yxy color **59.1840, 0.3523, 0.4430** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **25.3009, 0.2576, 0.2053**, and the grayscale version is **54.1260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3554, 0.3501, 0.4093**, and **29.5758, 0.3588, 0.4734** is the 20% darker color. If you saturate the color by 10%, you get **57.8960, 0.3594, 0.4697**, and if you desaturate by 10%, it is **60.6333, 0.3439, 0.4153**.

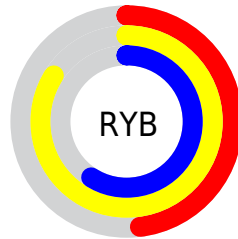
Distribution



Red (72%)

Green (84%)

Blue (48%)



Red (48%)

Yellow (84%)

Blue (59%)

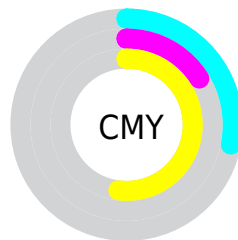


Cyan (14%)

Magenta (0%)

Yellow (43%)

Black (16%)



Cyan (28%)


Magenta (16%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1840, 0.3523, 0.4430 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 59.1840, 0.3523, 0.4430 by changing the saturation by 10% instead.

 59.1840, 0.3523,
0.4430


 59.1840, 0.3523,
0.4430


421.5834, 0.3354,
0.3866


 42.7613, 0.3555,
0.4566


 103.6450, 0.3469,
0.4228

 29.6978, 0.3590,
0.4736


 132.4521, 0.3446,
0.4151

 19.6094, 0.3626,
0.4954

 166.1561, 0.3426,
0.4086

 12.1114, 0.3656,
0.5240

205.1414, 0.3409,
0.4030

 6.8196, 0.3661,
0.5624

249.7924, 0.3393,
0.3981

 3.3495, 0.3683,
0.6317

300.4935, 0.3378,

 1.3168, 0.3157,

0.3938

0.6843

357.6290, 0.3366,
0.3900

0.1542, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.1840, 0.3523,
0.4430

59.1840, 0.3523,
0.4430

57.8960, 0.3594,
0.4697

60.6333, 0.3439,
0.4153

56.7533, 0.3647,
0.4942


62.2435, 0.3346,
0.3877


55.7493, 0.3677,
0.5152


64.0242, 0.3250,
0.3609

54.8736, 0.3682,
0.5318


65.9819, 0.3153,
0.3356


 54.1137, 0.3662,
0.5435

 68.1227, 0.3059,
0.3121

 53.6194, 0.3636,
0.5495

 70.4523, 0.2969,
0.2905

 71.8963, 0.2982,
0.2860

 73.0531, 0.3029,
0.2866

 74.2543, 0.3077,
0.2872

Harmonies

Analogous

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



59.1840, 0.4052, 0.4267



59.1840, 0.3523, 0.4430



59.1840, 0.2916, 0.4204

Triad

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



59.1840, 0.3523, 0.4430



59.1840, 0.2032, 0.2552



59.1840, 0.3870, 0.2938

Complementary

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



59.1840, 0.3523, 0.4430



25.3009, 0.2576, 0.2053

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.



59.1840, 0.3249, 0.2570



59.1840, 0.3523, 0.4430



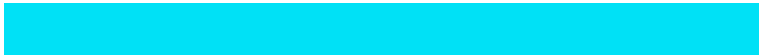
59.1840, 0.2225, 0.2340

Square

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



59.1840, 0.3523, 0.4430



59.1840, 0.2088, 0.3007



59.1840, 0.2650, 0.2356



59.1840, 0.4288, 0.3395

Rectangle

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



59.1840, 0.3523, 0.4430



59.1840, 0.2551, 0.3848



59.1840, 0.2650, 0.2356



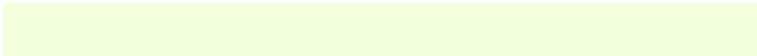
59.1840, 0.3674, 0.2802

Sweetspot

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



59.1866, 0.3523, 0.4430



96.0944, 0.3254, 0.3620



37.6241, 0.4074, 0.3650



20.4361, 0.3275, 0.3678



0.0000, 0.0000, 0.0000



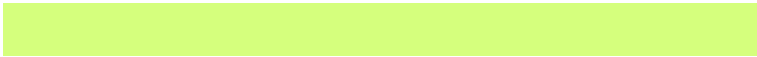
21.4041, 0.3127, 0.3290

Same Dimension

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



59.1866, 0.3523, 0.4430



87.2202, 0.3586, 0.4665



54.4612, 0.3177, 0.4566



14.3121, 0.3218, 0.3524



32.8048, 0.3644, 0.5489



2.0221, 0.3741, 0.5411

Inverse Universe

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



25.3009, 0.2576, 0.2053



30.0304, 0.2431, 0.1772



30.4981, 0.3009, 0.2195



12.1991, 0.3031, 0.3052



3.7333, 0.1731, 0.0727



0.2690, 0.1924, 0.0833

Previews

White Background



This preview shows how the Yxy color 59.1840, 0.3523, 0.4430 looks on a white background.

Color Contrast Check

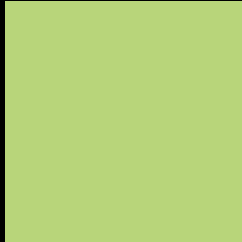
Large Text (above 18pt) WCAG AA × Fail

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 59.1840, 0.3523, 0.4430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

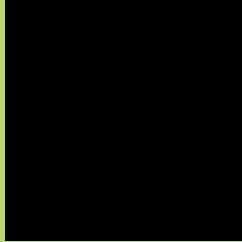
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1840, 0.3523, 0.4430

Background



This preview shows how black text looks on a background with the Yxy color 59.1840, 0.3523, 0.4430.



This preview shows how white text looks on a background with the Yxy color 59.1840, 0.3523, 0.4430.

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

59.1840, 0.3523, 0.4430

Protanopia

58.9212, 0.3906, 0.4245

Deuteranopia

58.9053, 0.4085, 0.3997



Tritanopia

59.0388, 0.2971, 0.3102

Trichromacy



Original Color

59.1840, 0.3523, 0.4430

Protanomaly

58.8844, 0.3769, 0.4317

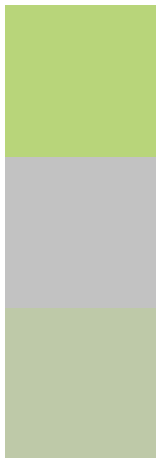
Deuteranomaly

58.3188, 0.3875, 0.4148

Tritanomaly

58.7680, 0.3183, 0.3572

Monochromacy



Original Color

59.1840, 0.3523, 0.4430

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

55.5476, 0.3281, 0.3705

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1840, 0.3523, 0.4430 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, 213, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 122)  
}
```

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, 213, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 122) }
```

Border

The CSS property to change the border of an element to Yxy 59.1840, 0.3523, 0.4430 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, 213, 122) }
```

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

```
.border{ border-color:rgb(184, 213, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 213, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1840, 0.3523, 0.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 122) }
```

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

```
.background{ background-color: rgb(184,  
213, 122) }
```

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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