

Converting Colors

$Yxy(59.1911, 0.3240, 0.3929)$

Have a look what the booklet for
Yxy(59.1911, 0.3240, 0.3929)
contains.

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Color

Yxy(59.4839, 0.3244, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	B5D4A1
RGB	181, 212, 161
RGB Percent	71%, 83%, 63%
CMY	0.2904, 0.1686, 0.3686
CMYK	0.15, 0.00, 0.24, 0.17
HSL	97°, 37%, 73%
HSV	97°, 24%, 83%
XYZ	49.0259, 59.4839, 42.6180
YIQ	196.9170, -2.1050, -22.4330

Conversions

Conversions Part 2

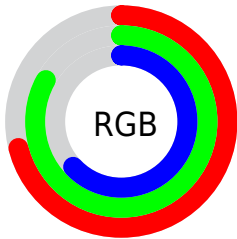
Format	Color
RYB	161, 212, 192
Decimal	11916449
CIELab	81.56, -19.51, 21.90
CIELCh	82, 29.335, 131.701
Yxy	59.4839, 0.3244, 0.3936
Android (android.graphics.Color)	4290106529 (0xFFB5D4A1)
YUV	196.9170, -17.7071, -13.9592
Hunter-Lab	77.1258, -21.5047, 21.2257

Details

The Yxy color **59.4839, 0.3244, 0.3936** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4606, 0.2979, 0.2663**, and the grayscale version is **55.8894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4824, 0.3240, 0.3685**, and **29.8073, 0.3272, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **57.3124, 0.3286, 0.4239**, and if you desaturate by 10%, it is **61.9319, 0.3197, 0.3651**.

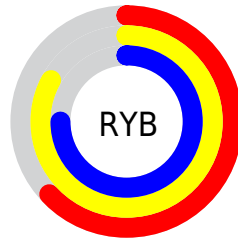
Distribution



Red (71%)

Green (83%)

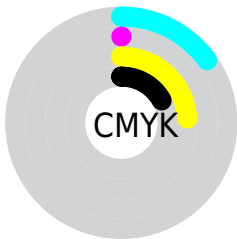
Blue (63%)



Red (63%)

Yellow (83%)

Blue (75%)

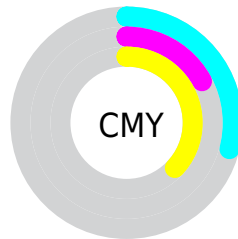


Cyan (15%)

Magenta (0%)

Yellow (24%)

Black (17%)



Cyan (29%)


Magenta (17%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4839, 0.3244, 0.3936 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 59.4839, 0.3244, 0.3936 by changing the saturation by 10% instead.

 59.4839, 0.3244,
0.3936


 59.4839, 0.3244,
0.3936


422.6928, 0.3194,
0.3616

 43.0028, 0.3254,
0.4015


 104.0806, 0.3228,
0.3821

 29.8873, 0.3265,
0.4115


 132.9650, 0.3221,
0.3777

 19.7531, 0.3278,
0.4247


166.7527, 0.3215,
0.3740

 12.2157, 0.3291,
0.4427

205.8279, 0.3210,
0.3708

 6.8907, 0.3301,
0.4689

250.5751, 0.3205,
0.3681

 3.3939, 0.3295,
0.5097

301.3788, 0.3201,

 1.3406, 0.3556,

0.3656

0.6444

358.6232, 0.3197,
0.3635

0.1724, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.4839, 0.3244,
0.3936

59.4839, 0.3244,
0.3936

57.3124, 0.3286,
0.4239

61.9319, 0.3197,
0.3651

55.3994, 0.3320,
0.4552

64.6585, 0.3147,
0.3389

53.7365, 0.3341,
0.4863

67.6753, 0.3098,
0.3152

52.3117, 0.3347,
0.5156

70.9912, 0.3049,
0.2940

■ 51.1119, 0.3335,
0.5413

■ 73.8163, 0.3080,
0.2862

■ 50.1225, 0.3305,
0.5617

■ 75.5741, 0.3147,
0.2871

■ 49.3263, 0.3257,
0.5760

■ 48.9302, 0.3225,
0.5821

Harmonies

Analogous

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



59.4839, 0.3597, 0.3950



59.4839, 0.3244, 0.3936



59.4839, 0.2873, 0.3713

Triad

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



59.4839, 0.3244, 0.3936



59.4839, 0.2461, 0.2767



59.4839, 0.3695, 0.3189

Complementary

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



59.4839, 0.3244, 0.3936



41.4606, 0.2979, 0.2663

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.



59.4839, 0.3359, 0.2916



59.4839, 0.3244, 0.3936



59.4839, 0.2652, 0.2675

Square

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



59.4839, 0.3244, 0.3936



59.4839, 0.2436, 0.3009



59.4839, 0.2975, 0.2731



59.4839, 0.3872, 0.3498

Rectangle

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



59.4839, 0.3244, 0.3936



59.4839, 0.2665, 0.3483



59.4839, 0.2975, 0.2731



59.4839, 0.3596, 0.3091

Sweetspot

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



59.4865, 0.3244, 0.3936



96.9001, 0.3162, 0.3466



54.1014, 0.3541, 0.3659



20.6856, 0.3165, 0.3481



0.0000, 0.0000, 0.0000



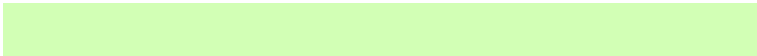
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4865, 0.3244, 0.3936



88.5567, 0.3267, 0.4093



57.4289, 0.3062, 0.3896



14.1305, 0.3174, 0.3527



30.2567, 0.3235, 0.5813



1.8721, 0.3373, 0.5704

Inverse Universe

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



41.4606, 0.2979, 0.2663



56.4684, 0.2939, 0.2516



43.9920, 0.3199, 0.2751



12.3790, 0.3076, 0.3056



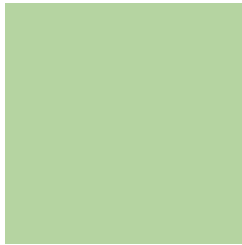
5.8785, 0.2256, 0.1017



0.4018, 0.2420, 0.1107

Previews

White Background



This preview shows how the Yxy color 59.4839, 0.3244, 0.3936 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 59.4839, 0.3244, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

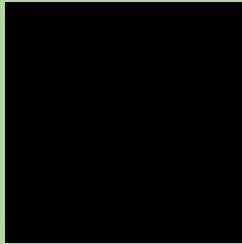
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4839, 0.3244, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 59.4839, 0.3244, 0.3936.



This preview shows how white text looks on a background with the Yxy color 59.4839, 0.3244, 0.3936.

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

59.4839, 0.3244, 0.3936

Protanopia

59.2403, 0.3585, 0.3831

Deuteranopia

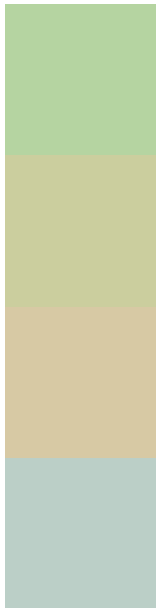
58.9624, 0.3700, 0.3615



Tritanopia

59.3002, 0.2915, 0.3100

Trichromacy



Original Color

59.4839, 0.3244, 0.3936

Protanomaly

59.3077, 0.3451, 0.3872

Deuteranomaly

58.9007, 0.3518, 0.3726

Tritanomaly

59.3140, 0.3033, 0.3387

Monochromacy



Original Color

59.4839, 0.3244, 0.3936

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7781, 0.3171, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4839, 0.3244, 0.3936 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, 212, 161)` looks like.

```
.text, #text, p{  
    color:rgb(181, 212, 161)  
}
```

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, 212, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 212, 161) }
```

Border

The CSS property to change the border of an element to Yxy 59.4839, 0.3244, 0.3936 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, 212, 161) }
```

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

```
.border{ border-color:rgb(181, 212, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 212, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 212, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 212, 161);  
box-shadow:4px 4px 4px 4px rgb(181, 212,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4839, 0.3244, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 212, 161) }
```

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

```
.background{ background-color: rgb(181,  
212, 161) }
```

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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