

Converting Colors

$Y_{xy}(59.3290, 0.3369, 0.4145)$

Have a look what the booklet for
Yxy(59.3290, 0.3369, 0.4145)
contains.

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Color

Yxy(59.1986, 0.3368, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	B7D491
RGB	183, 212, 145
RGB Percent	72%, 83%, 57%
CMY	0.2824, 0.1686, 0.4313
CMYK	0.14, 0.00, 0.32, 0.17
HSL	86°, 44%, 70%
HSV	86°, 32%, 83%
XYZ	48.1829, 59.1986, 35.6794
YIQ	195.6910, 4.2230, -26.9850

Conversions

Conversions Part 2

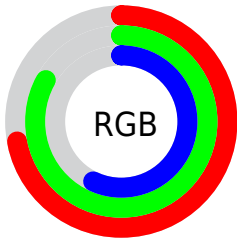
Format	Color
RYB	145, 212, 174
Decimal	12047505
CIELab	81.40, -21.15, 30.05
CIElCh	81, 36.746, 125.145
Yxy	59.1986, 0.3368, 0.4138
Android (android.graphics.Color)	4290237585 (0xFFB7D491)
YUV	195.6910, -24.9907, -11.1300
Hunter-Lab	76.9406, -22.8632, 26.3641

Details

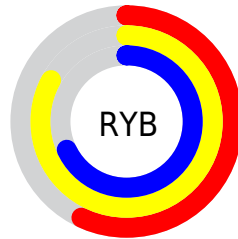
The Yxy color **59.1986, 0.3368, 0.4138** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0095, 0.2814, 0.2425**, and the grayscale version is **55.1593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1688, 0.3360, 0.3858**, and **29.5892, 0.3412, 0.4364** is the 20% darker color. If you saturate the color by 10%, you get **57.5177, 0.3433, 0.4429**, and if you desaturate by 10%, it is **61.0801, 0.3295, 0.3853**.

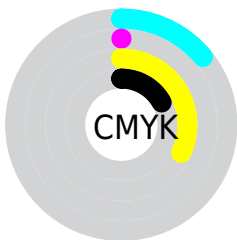
Distribution



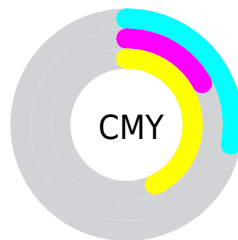
- Red (72%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)





- Cyan (28%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1986, 0.3368, 0.4138 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 59.1986, 0.3368, 0.4138 by changing the saturation by 10% instead.


 59.1986, 0.3368,
0.4138

 59.1986, 0.3368,
0.4138


421.6375, 0.3263,
0.3717

 42.7730, 0.3389,
0.4241


 103.6663, 0.3333,
0.3986

 29.7071, 0.3414,
0.4372


 132.4771, 0.3319,
0.3929

 19.6163, 0.3441,
0.4543


166.1852, 0.3307,
0.3880

 12.1165, 0.3470,
0.4774

205.1748, 0.3296,
0.3839

 6.8231, 0.3494,
0.5102

249.8305, 0.3286,
0.3802

 3.3517, 0.3529,
0.5662

300.5366, 0.3278,

 1.3180, 0.3414,

0.3770

0.6586

357.6775, 0.3270,
0.3742

0.1551, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.1986, 0.3368,
0.4138

59.1986, 0.3368,
0.4138

57.5177, 0.3433,
0.4429

61.0801, 0.3295,
0.3853

56.0215, 0.3486,
0.4716

63.1622, 0.3218,
0.3582

54.7037, 0.3522,
0.4985


65.4544, 0.3140,
0.3329


53.5545, 0.3537,
0.5222

67.9637, 0.3063,
0.3096

 52.5627, 0.3528,
0.5415


 70.6965, 0.2989,
0.2886

 51.7154, 0.3496,
0.5555

 72.4998, 0.3028,
0.2855

 51.0974, 0.3456,
0.5638

 74.1302, 0.3092,
0.2864

 75.5695, 0.3147,
0.2871

Harmonies

Analogous

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



59.1986, 0.3790, 0.4083



59.1986, 0.3368, 0.4138



59.1986, 0.2900, 0.3911

Triad

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



59.1986, 0.3368, 0.4138



59.1986, 0.2281, 0.2685



59.1986, 0.3761, 0.3079

Complementary

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



59.1986, 0.3368, 0.4138



34.0095, 0.2814, 0.2425

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.



59.1986, 0.3308, 0.2768



59.1986, 0.3368, 0.4138



59.1986, 0.2470, 0.2538

Square

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



59.1986, 0.3368, 0.4138



59.1986, 0.2295, 0.3017



59.1986, 0.2835, 0.2574



59.1986, 0.4038, 0.3452

Rectangle

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



59.1986, 0.3368, 0.4138



59.1986, 0.2626, 0.3633



59.1986, 0.2835, 0.2574



59.1986, 0.3622, 0.2966

Sweetspot

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



59.2012, 0.3368, 0.4138



96.7728, 0.3198, 0.3516



45.9014, 0.3738, 0.3635



20.6071, 0.3209, 0.3555



0.0000, 0.0000, 0.0000



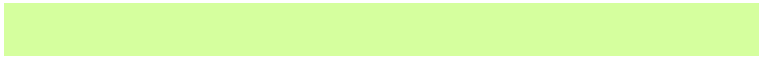
21.4041, 0.3127, 0.3290

Same Dimension

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



59.2012, 0.3368, 0.4138



88.1445, 0.3414, 0.4336



55.6749, 0.3123, 0.4206



14.2399, 0.3201, 0.3525



31.6035, 0.3465, 0.5630



1.9547, 0.3588, 0.5534

Inverse Universe

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



34.0095, 0.2814, 0.2425



43.9951, 0.2729, 0.2218



38.1908, 0.3111, 0.2497



12.2690, 0.3048, 0.3054



4.3895, 0.1905, 0.0823



0.3131, 0.2102, 0.0931

Previews

White Background



This preview shows how the Yxy color 59.1986, 0.3368, 0.4138 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 59.1986, 0.3368, 0.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

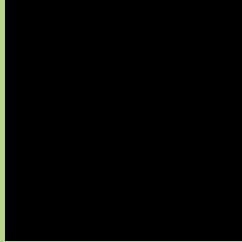
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1986, 0.3368, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 59.1986, 0.3368, 0.4138.



This preview shows how white text looks on a background with the Yxy color 59.1986, 0.3368, 0.4138.

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

59.1986, 0.3368, 0.4138

Protanopia

59.0696, 0.3715, 0.4001

Deuteranopia

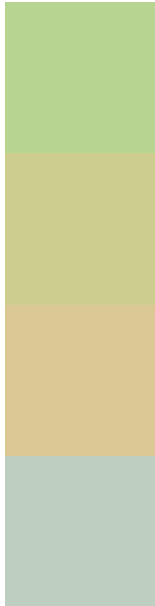
58.6606, 0.3868, 0.3776



Tritanopia

59.2957, 0.2950, 0.3102

Trichromacy



Original Color

59.1986, 0.3368, 0.4138

Protanomaly

59.0747, 0.3584, 0.4061

Deuteranomaly

58.5067, 0.3678, 0.3897

Tritanomaly

58.8955, 0.3104, 0.3461

Monochromacy



Original Color

59.1986, 0.3368, 0.4138

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.4918, 0.3222, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1986, 0.3368, 0.4138 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(183, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 145)  
}
```

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(183, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 145) }
```

Border

The CSS property to change the border of an element to Yxy 59.1986, 0.3368, 0.4138 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(183, 212, 145) }
```

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

```
.border{ border-color:rgb(183, 212, 145) }
```

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

Here you see how a box with a 4 pixel rgb(183, 212, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1986, 0.3368, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 212, 145) }
```

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

```
.background{ background-color: rgb(183,  
212, 145) }
```

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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