

Converting Colors

Yxy(59.2363, 0.3308, 0.4021)

Have a look what the booklet for
Yxy(59.2363, 0.3308, 0.4021)
contains.

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Color

Yxy(59.4873, 0.3307, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	B7D49A
RGB	183, 212, 154
RGB Percent	72%, 83%, 60%
CMY	0.2825, 0.1686, 0.3960
CMYK	0.14, 0.00, 0.27, 0.17
HSL	90°, 40%, 72%
HSV	90°, 27%, 83%
XYZ	48.9000, 59.4873, 39.4808
YIQ	196.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

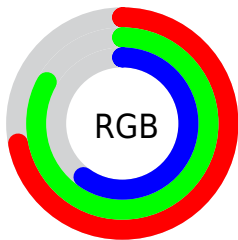
Format	Color
RYB	154, 212, 183
Decimal	12047514
CIELab	81.56, -19.87, 25.59
CIELCh	82, 32.394, 127.826
Yxy	59.4873, 0.3307, 0.4023
Android (android.graphics.Color)	4290237594 (0xFFB7D49A)
YUV	196.7170, -21.0595, -12.0298
Hunter-Lab	77.1280, -21.8032, 23.6399

Details

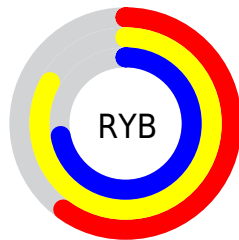
The Yxy color **59.4873, 0.3307, 0.4023** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9426, 0.2899, 0.2559**, and the grayscale version is **55.7828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4742, 0.3294, 0.3756**, and **29.7404, 0.3343, 0.4229** is the 20% darker color. If you saturate the color by 10%, you get **57.5919, 0.3365, 0.4320**, and if you desaturate by 10%, it is **61.6109, 0.3243, 0.3739**.

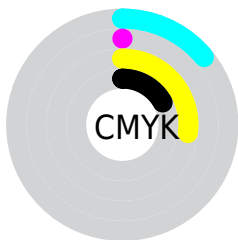
Distribution



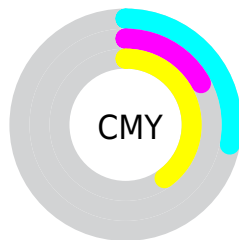
- Red (72%)
- Green (83%)
- Blue (60%)



- Red (60%)
- Yellow (83%)
- Blue (72%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)




- Cyan (28%)
- Magenta (17%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4873, 0.3307, 0.4023 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 59.4873, 0.3307, 0.4023 by changing the saturation by 10% instead.


 59.4873, 0.3307,
0.4023


 59.4873, 0.3307,
0.4023

422.7054, 0.3228,
0.3660

 43.0055, 0.3323,
0.4112


 104.0856, 0.3281,
0.3892

 29.8894, 0.3342,
0.4225


 132.9709, 0.3271,
0.3843

 19.7547, 0.3363,
0.4374


166.7594, 0.3261,
0.3801

 12.2169, 0.3386,
0.4577

205.8357, 0.3253,
0.3765

 6.8915, 0.3407,
0.4867

250.5840, 0.3246,
0.3733

 3.3944, 0.3413,
0.5318

301.3888, 0.3239,

 1.3409, 0.3529,

0.3706

0.6471

358.6345, 0.3234,
0.3681

■ 0.1726, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4873, 0.3307,
0.4023

■ 59.4873, 0.3307,
0.4023

■ 57.5919, 0.3365,
0.4320

■ 61.6109, 0.3243,
0.3739

■ 55.9080, 0.3412,
0.4619

■ 63.9630, 0.3176,
0.3472

■ 54.4291, 0.3445,
0.4909

■ 66.5539, 0.3110,
0.3228

■ 53.1447, 0.3459,
0.5174

■ 69.3910, 0.3044,
0.3005

■ 52.0436, 0.3451,
0.5399

■ 72.1538, 0.3014,
0.2853

■ 51.1126, 0.3422,
0.5572

■ 74.0258, 0.3088,
0.2863

■ 50.3349, 0.3373,
0.5689

■ 75.5727, 0.3147,
0.2871

■ 50.1482, 0.3359,
0.5715

Harmonies

Analogous

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



59.4873, 0.3687, 0.4003



59.4873, 0.3307, 0.4023



59.4873, 0.2895, 0.3803

Triad

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



59.4873, 0.3307, 0.4023



59.4873, 0.2383, 0.2739



59.4873, 0.3714, 0.3134

Complementary

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



59.4873, 0.3307, 0.4023



37.9426, 0.2899, 0.2559

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.



59.4873, 0.3327, 0.2847



59.4873, 0.3307, 0.4023



59.4873, 0.2568, 0.2618

Square

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



59.4873, 0.3307, 0.4023



59.4873, 0.2379, 0.3022



59.4873, 0.2906, 0.2662



59.4873, 0.3938, 0.3470

Rectangle

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



59.4873, 0.3307, 0.4023



59.4873, 0.2657, 0.3555



59.4873, 0.2906, 0.2662



59.4873, 0.3598, 0.3030

Sweetspot

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



59.4899, 0.3307, 0.4023



96.8690, 0.3181, 0.3491



50.2039, 0.3624, 0.3644



20.6136, 0.3192, 0.3530



0.0000, 0.0000, 0.0000



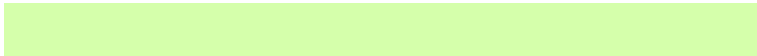
21.4041, 0.3127, 0.3290

Same Dimension

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



59.4899, 0.3307, 0.4023



88.5806, 0.3343, 0.4200



56.2973, 0.3090, 0.4074



14.1975, 0.3190, 0.3526



31.0148, 0.3369, 0.5707



1.9199, 0.3501, 0.5602

Inverse Universe

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



37.9426, 0.2899, 0.2559



50.4329, 0.2836, 0.2383



41.8677, 0.3159, 0.2614



12.3111, 0.3059, 0.3055



4.8915, 0.2030, 0.0892



0.3442, 0.2219, 0.0996

Previews

White Background



This preview shows how the Yxy color 59.4873, 0.3307, 0.4023 looks on a white background.

Color Contrast Check

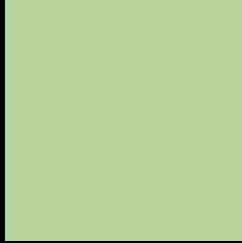
Large Text (above 18pt) WCAG AA × Fail

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 59.4873, 0.3307, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

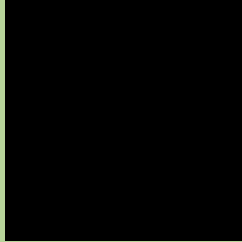
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4873, 0.3307, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 59.4873, 0.3307, 0.4023.



This preview shows how white text looks on a background with the Yxy color 59.4873, 0.3307, 0.4023.

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

59.4873, 0.3307, 0.4023

Protanopia

59.1948, 0.3639, 0.3899

Deuteranopia

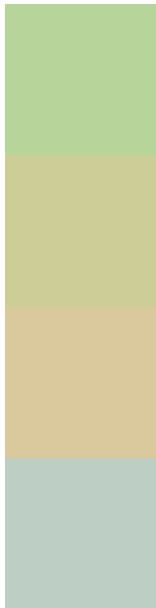
59.0567, 0.3774, 0.3691



Tritanopia

59.2166, 0.2936, 0.3090

Trichromacy



Original Color

59.4873, 0.3307, 0.4023

Protanomaly

59.3561, 0.3519, 0.3953

Deuteranomaly

58.9593, 0.3589, 0.3806

Tritanomaly

58.9470, 0.3069, 0.3412

Monochromacy



Original Color

59.4873, 0.3307, 0.4023

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7837, 0.3201, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4873, 0.3307, 0.4023 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 154) }
```

Border

The CSS property to change the border of an element to Yxy 59.4873, 0.3307, 0.4023 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, 154) }
```

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

```
.border{ border-color:rgb(183, 212, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 154);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4873, 0.3307, 0.4023 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, 154) }
```

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

```
.background{ background-color: rgb(183,  
212, 154) }
```

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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