

Converting Colors

$Yxy(59.5892, 0.3046, 0.3630)$

Have a look what the booklet for
Yxy(59.5892, 0.3046, 0.3630)
contains.

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Color

Yxy(59.8199, 0.3046, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	B0D4B9
RGB	176, 212, 185
RGB Percent	69%, 83%, 73%
CMY	0.3097, 0.1686, 0.2744
CMYK	0.17, 0.00, 0.13, 0.17
HSL	135°, 29%, 76%
HSV	135°, 17%, 83%
XYZ	50.2098, 59.8199, 54.8088
YIQ	198.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

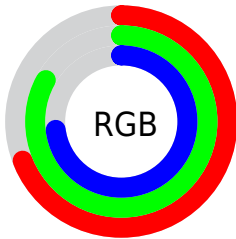
Format	Color
RYB	176, 205, 212
Decimal	11588793
CIELab	81.74, -17.10, 9.42
CIElCh	82, 19.526, 151.151
Yxy	59.8199, 0.3046, 0.3629
Android (android.graphics.Color)	4289778873 (0xFFB0D4B9)
YUV	198.1580, -6.4869, -19.4326
Hunter-Lab	77.3433, -19.4720, 12.1249

Details

The Yxy color **59.8199, 0.3046, 0.3629** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.3677, 0.3220, 0.2973**, and the grayscale version is **56.6232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0267, 0.3065, 0.3430**, and **29.9908, 0.3022, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **56.9063, 0.2999, 0.3862**, and if you desaturate by 10%, it is **63.1996, 0.3094, 0.3421**.

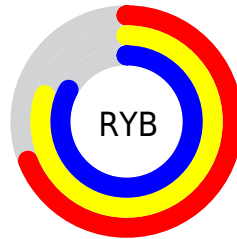
Distribution



Red (69%)

Green (83%)

Blue (73%)



Red (69%)

Yellow (80%)

Blue (83%)

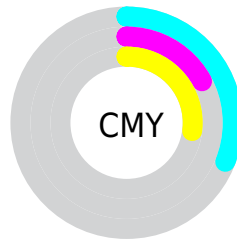


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (31%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.8199, 0.3046, 0.3629 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 59.8199, 0.3046, 0.3629 by changing the saturation by 10% instead.


 59.8199, 0.3046,
0.3629

 59.8199, 0.3046,
0.3629


423.9336, 0.3087,
0.3463

 43.2735, 0.3036,
0.3670


 104.5684, 0.3061,
0.3569

 30.0998, 0.3023,
0.3721


133.5392, 0.3066,
0.3547

 19.9143, 0.3005,
0.3789

167.4203, 0.3071,
0.3527

 12.3328, 0.2980,
0.3882

206.5961, 0.3075,
0.3511

 6.9707, 0.2944,
0.4018

251.4509, 0.3079,
0.3496

 3.4438, 0.2883,
0.4233

302.3692, 0.3082,

 1.3676, 0.2780,

0.3484

0.4649

359.7353, 0.3084,
0.3473

0.1927, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.8199, 0.3046,
0.3629

59.8199, 0.3046,
0.3629

56.9063, 0.2999,
0.3862

63.1996, 0.3094,
0.3421

54.4308, 0.2956,
0.4117

67.0568, 0.3141,
0.3237

52.3742, 0.2920,
0.4392

71.4120, 0.3188,
0.3076

50.7127, 0.2892,
0.4677

75.1615, 0.3190,
0.2930

■ 49.4200, 0.2876,
0.4962

■ 75.5662, 0.3147,
0.2871

■ 48.4667, 0.2875,
0.5232

■ 47.8187, 0.2888,
0.5472

■ 47.4315, 0.2914,
0.5669

■ 47.3435, 0.2922,
0.5720

Harmonies

Analogous

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



59.8199, 0.3298, 0.3732



59.8199, 0.3046, 0.3629



59.8199, 0.2822, 0.3424

Triad

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



59.8199, 0.3046, 0.3629



59.8199, 0.2750, 0.2885



59.8199, 0.3593, 0.3364

Complementary

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



59.8199, 0.3046, 0.3629



49.3677, 0.3220, 0.2973

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.



59.8199, 0.3435, 0.3155



59.8199, 0.3046, 0.3629



59.8199, 0.2944, 0.2885

Square

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



59.8199, 0.3046, 0.3629



59.8199, 0.2656, 0.2991



59.8199, 0.3194, 0.2983



59.8199, 0.3620, 0.3564

Rectangle

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



59.8199, 0.3046, 0.3629



59.8199, 0.2717, 0.3264



59.8199, 0.3194, 0.2983



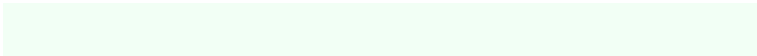
59.8199, 0.3553, 0.3293

Sweetspot

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



59.8224, 0.3046, 0.3629



97.0609, 0.3103, 0.3384



62.9188, 0.3310, 0.3718



20.6899, 0.3100, 0.3397



0.0000, 0.0000, 0.0000



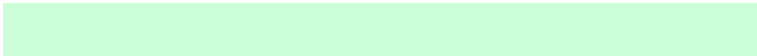
21.4041, 0.3127, 0.3290

Same Dimension

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



59.8224, 0.3046, 0.3629



89.3544, 0.3031, 0.3702



60.6308, 0.2929, 0.3400



13.9464, 0.3082, 0.3470



29.2416, 0.2916, 0.5698



1.7771, 0.2821, 0.5355

Inverse Universe

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



49.3677, 0.3220, 0.2973



70.8713, 0.3240, 0.2911



48.5593, 0.3372, 0.3183



12.5772, 0.3176, 0.3117



10.2028, 0.3958, 0.1954



0.6283, 0.3801, 0.1868

Previews

White Background



This preview shows how the Yxy color 59.8199, 0.3046, 0.3629 looks on a white background.

Color Contrast Check

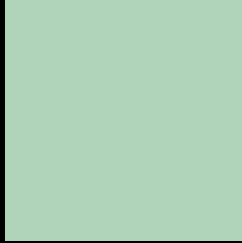
Large Text (above 18pt) WCAG AA × Fail

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 59.8199, 0.3046, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

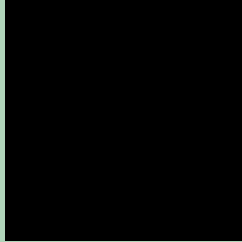
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

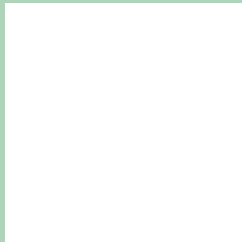
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8199, 0.3046, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 59.8199, 0.3046, 0.3629.

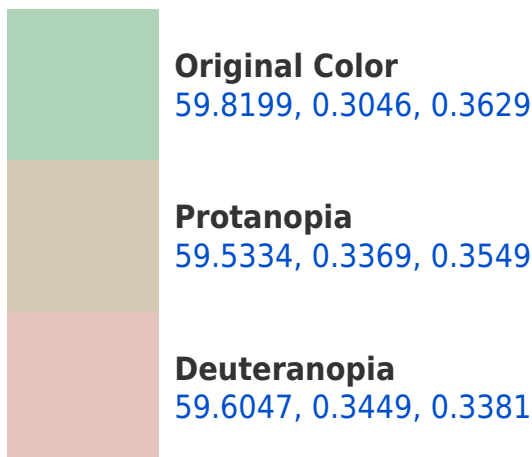


This preview shows how white text looks on a background with the Yxy color 59.8199, 0.3046, 0.3629.

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





Tritanopia

60.0206, 0.2848, 0.3099

Trichromacy



Original Color

59.8199, 0.3046, 0.3629

Protanomaly

59.6621, 0.3244, 0.3580

Deuteranomaly

59.3842, 0.3292, 0.3467

Tritanomaly

59.9077, 0.2917, 0.3289

Monochromacy



Original Color

59.8199, 0.3046, 0.3629

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.5093, 0.3098, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8199, 0.3046, 0.3629 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(176, 212, 185)` looks like.

```
.text, #text, p{  
    color:rgb(176, 212, 185)  
}
```

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(176, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 212, 185) }
```

Border

The CSS property to change the border of an element to Yxy 59.8199, 0.3046, 0.3629 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(176, 212, 185) }
```

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

```
.border{ border-color:rgb(176, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(176, 212,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8199, 0.3046, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 212, 185) }
```

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

```
.background{ background-color: rgb(176,  
212, 185) }
```

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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