

Converting Colors

$Yxy(50.8198, 0.3286, 0.3748)$

Have a look what the booklet for
Yxy(50.8198, 0.3286, 0.3748)
contains.

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Color

Yxy(50.9105, 0.3285, 0.3749)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B5C29F |
| RGB | 181, 194, 159 |
| RGB Percent | 71%, 76%, 62% |
| CMY | 0.2901, 0.2392, 0.3765 |
| CMYK | 0.07, 0.00, 0.18, 0.24 |
| HSL | 82°, 22%, 69% |
| HSV | 82°, 18%, 76% |
| XYZ | 44.6095, 50.9105, 40.2776 |
| YIQ | 186.1230, 3.4870, -13.6410 |

Conversions

Conversions Part 2

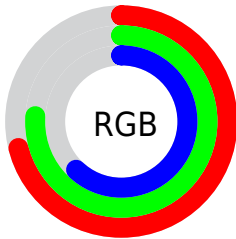
| Format | Color |
|-------------------------------------|---|
| RYB | 159, 194, 172 |
| Decimal | 11911839 |
| CIELab | 76.62, -10.68, 16.13 |
| CIELCh | 77, 19.342, 123.507 |
| Yxy | 50.9105, 0.3285, 0.3749 |
| Android (android.graphics.Color) | 4290101919 (0xFFB5C29F) |
| YUV | 186.1230, -13.3716, -4.4929 |
| Hunter-Lab | 71.3516, -13.2659, 16.4773 |

Details

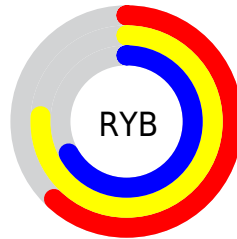
The Yxy color **50.9105, 0.3285, 0.3749** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4613, 0.2947, 0.2821**, and the grayscale version is **49.2531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2308, 0.3257, 0.3658**, and **24.4069, 0.3330, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **49.4436, 0.3370, 0.4024**, and if you desaturate by 10%, it is **52.5325, 0.3197, 0.3488**.

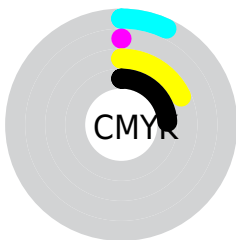
Distribution



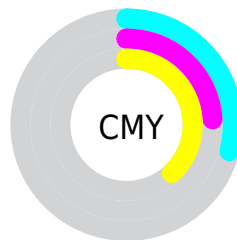
- Red (71%)
- Green (76%)
- Blue (62%)



- Red (62%)
- Yellow (76%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)





- Cyan (29%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9105, 0.3285, 0.3749 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 50.9105, 0.3285, 0.3749 by changing the saturation by 10% instead.


 50.9105, 0.3285,
0.3749


 50.9105, 0.3285,
0.3749

390.2160, 0.3210,
0.3518

 36.1374, 0.3303,
0.3807


 91.5225, 0.3259,
0.3665

 24.5403, 0.3324,
0.3881


 118.1301, 0.3248,
0.3633

 15.7349, 0.3352,
0.3980


149.4514, 0.3240,
0.3607

 9.3368, 0.3388,
0.4119

185.8707, 0.3232,
0.3584

 4.9615, 0.3435,
0.4325

227.7724, 0.3225,
0.3564

 2.2247, 0.3498,
0.4664

275.5409, 0.3220,

 0.7334, 0.3731,

0.3547

0.6269

329.5606, 0.3214,
0.3532

0.0000, 0.0000,
0.0000

50.9105, 0.3285,
0.3749

50.9105, 0.3285,
0.3749

49.4436, 0.3370,
0.4024

52.5325, 0.3197,
0.3488

48.1195, 0.3450,
0.4306

54.3081, 0.3110,
0.3244

46.9345, 0.3518,
0.4585

56.2445, 0.3026,
0.3019

45.8821, 0.3571,
0.4850

58.3466, 0.2945,
0.2815

44.9550, 0.3604,
0.5088

60.5539, 0.2876,
0.2640

■ 44.1454, 0.3614,
0.5287

■ 61.6806, 0.2928,
0.2650

■ 43.4438, 0.3599,
0.5438

■ 62.8559, 0.2980,
0.2660

■ 42.8367, 0.3563,
0.5541

■ 64.0804, 0.3033,
0.2670

■ 42.7245, 0.3555,
0.5559

■ 65.3548, 0.3086,
0.2680

Harmonies

Analogous

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



50.9105, 0.3513, 0.3729



50.9105, 0.3285, 0.3749



50.9105, 0.3022, 0.3631

Triad

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



50.9105, 0.3285, 0.3749



50.9105, 0.2639, 0.2965



50.9105, 0.3466, 0.3165

Complementary

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



50.9105, 0.3285, 0.3749



37.4613, 0.2947, 0.2821

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.



50.9105, 0.3218, 0.2981



50.9105, 0.3285, 0.3749



50.9105, 0.2746, 0.2863

Square

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



50.9105, 0.3285, 0.3749



50.9105, 0.2656, 0.3163



50.9105, 0.2955, 0.2872



50.9105, 0.3622, 0.3384

Rectangle

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



50.9105, 0.3285, 0.3749



50.9105, 0.2862, 0.3491



50.9105, 0.2955, 0.2872



50.9105, 0.3390, 0.3097

Sweetspot

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



50.9127, 0.3285, 0.3749



96.0990, 0.3171, 0.3413



43.4150, 0.3443, 0.3458



20.9953, 0.3178, 0.3431



0.0000, 0.0000, 0.0000



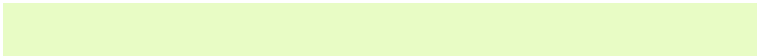
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9127, 0.3285, 0.3749



91.0621, 0.3322, 0.3866



48.9439, 0.3142, 0.3770



11.5657, 0.3209, 0.3521



28.1384, 0.3564, 0.5553



1.2539, 0.3706, 0.5440

Inverse Universe

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



37.4613, 0.2947, 0.2821



61.7786, 0.2897, 0.2697



39.5541, 0.3105, 0.2842



9.9258, 0.3040, 0.3056



3.5085, 0.1809, 0.0770



0.1909, 0.2072, 0.0915

Previews

White Background



This preview shows how the Yxy color 50.9105, 0.3285, 0.3749 looks on a white background.

Color Contrast Check

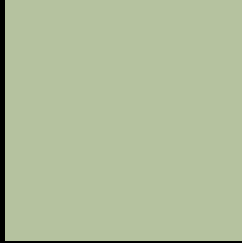
Large Text (above 18pt) WCAG AA × Fail

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 50.9105, 0.3285, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

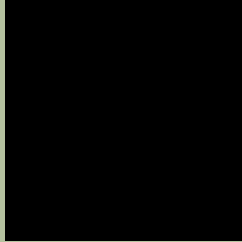
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

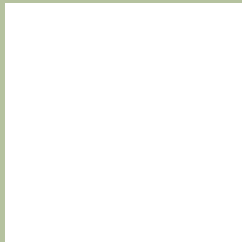
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9105, 0.3285, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 50.9105, 0.3285, 0.3749.



This preview shows how white text looks on a background with the Yxy color 50.9105, 0.3285, 0.3749.

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

50.9105, 0.3285, 0.3749

Protanopia

50.6461, 0.3485, 0.3693

Deuteranopia

50.8162, 0.3603, 0.3530



Tritanopia

50.8430, 0.3007, 0.3104

Trichromacy



Original Color

50.9105, 0.3285, 0.3749

Protanomaly

50.5987, 0.3411, 0.3712

Deuteranomaly

50.5284, 0.3485, 0.3601

Tritanomaly

50.7291, 0.3109, 0.3328

Monochromacy



Original Color

50.9105, 0.3285, 0.3749

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7201, 0.3186, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9105, 0.3285, 0.3749 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, 194, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 159)  
}
```

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, 194, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 159) }
```

Border

The CSS property to change the border of an element to Yxy 50.9105, 0.3285, 0.3749 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, 194, 159) }
```

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

```
.border{ border-color:rgb(181, 194, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9105, 0.3285, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 159) }
```

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

```
.background{ background-color: rgb(181,  
194, 159) }
```

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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