

Converting Colors

$Yxy(49.2187, 0.3184, 0.3632)$

Have a look what the booklet for
Yxy(49.2187, 0.3184, 0.3632)
contains.

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Color

Yxy(49.1287, 0.3185, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	AFBFA6
RGB	175, 191, 166
RGB Percent	69%, 75%, 65%
CMY	0.3138, 0.2509, 0.3490
CMYK	0.08, 0.00, 0.13, 0.25
HSL	98°, 16%, 70%
HSV	98°, 13%, 75%
XYZ	43.1893, 49.1287, 43.2842
YIQ	183.3660, -1.5110, -11.1670

Conversions

Conversions Part 2

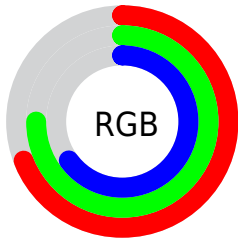
Format	Color
RYB	166, 191, 182
Decimal	11517862
CIELab	75.53, -10.13, 10.76
CIELCh	76, 14.776, 133.291
Yxy	49.1287, 0.3185, 0.3623
Android (android.graphics.Color)	4289707942 (0xFFAFBFA6)
YUV	183.3660, -8.5614, -7.3370
Hunter-Lab	70.0919, -12.6724, 12.4506

Details

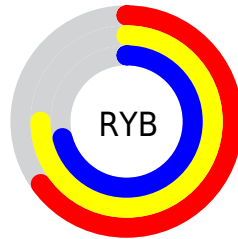
The Yxy color $49.1287, 0.3185, 0.3623$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.9856, 0.3062, 0.2963$, and the grayscale version is $47.6131, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.7309, 0.3179, 0.3558$, and $23.5294, 0.3195, 0.3730$ is the 20% darker color. If you saturate the color by 10%, you get $47.1279, 0.3227, 0.3905$, and if you desaturate by 10%, it is $51.3664, 0.3141, 0.3365$.

Distribution



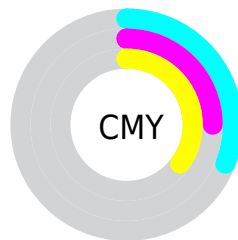
- Red (69%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1287, 0.3185, 0.3623 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 49.1287, 0.3185, 0.3623 by changing the saturation by 10% instead.

■ 49.1287, 0.3185,
0.3623

■ 49.1287, 0.3185,
0.3623

383.2488, 0.3158,
0.3455

■ 34.7216, 0.3191,
0.3665

■ 88.8826, 0.3176,
0.3562

■ 23.4485, 0.3199,
0.3720

■ 114.9981, 0.3172,
0.3539

■ 14.9250, 0.3208,
0.3794

145.7853, 0.3169,
0.3519

■ 8.7668, 0.3220,
0.3898

181.6284, 0.3166,
0.3503

■ 4.5894, 0.3236,
0.4055

222.9119, 0.3164,
0.3488

■ 2.0084, 0.3254,
0.4319

270.0202, 0.3161,

■ 0.6124, 0.3534,

0.3476

0.6466

323.3377, 0.3160,
0.3465

0.0000, 0.0000,
0.0000

49.1287, 0.3185,
0.3623

49.1287, 0.3185,
0.3623

47.1279, 0.3227,
0.3905

51.3664, 0.3141,
0.3365

45.3496, 0.3264,
0.4207

53.8422, 0.3096,
0.3132

43.7875, 0.3294,
0.4522


56.5654, 0.3053,
0.2924


42.4325, 0.3313,
0.4836

59.5429, 0.3011,
0.2739

41.2750, 0.3317,
0.5135


62.3548, 0.3016,
0.2636


 40.3043, 0.3305,
0.5401

 64.5260, 0.3107,
0.2654

 39.5084, 0.3275,
0.5616

 65.7461, 0.3157,
0.2663

 38.8737, 0.3230,
0.5769

 38.5148, 0.3195,
0.5845

Harmonies

Analogous

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



49.1287, 0.3376, 0.3645



49.1287, 0.3185, 0.3623



49.1287, 0.2984, 0.3503

Triad

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



49.1287, 0.3185, 0.3623



49.1287, 0.2764, 0.3004



49.1287, 0.3438, 0.3249

Complementary

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



49.1287, 0.3185, 0.3623



40.9856, 0.3062, 0.2963

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.



49.1287, 0.3265, 0.3091



49.1287, 0.3185, 0.3623



49.1287, 0.2877, 0.2950

Square

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



49.1287, 0.3185, 0.3623



49.1287, 0.2745, 0.3138



49.1287, 0.3059, 0.2983



49.1287, 0.3525, 0.3422

Rectangle

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



49.1287, 0.3185, 0.3623



49.1287, 0.2870, 0.3385



49.1287, 0.3059, 0.2983



49.1287, 0.3387, 0.3192

Sweetspot

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



49.1308, 0.3185, 0.3623



91.5789, 0.3145, 0.3389



47.2220, 0.3336, 0.3495



20.0403, 0.3149, 0.3408



97.7402, 0.3127, 0.3290



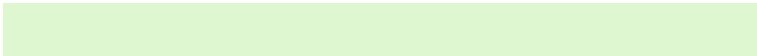
20.4902, 0.3127, 0.3290

Same Dimension

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



49.1308, 0.3185, 0.3623



86.8046, 0.3199, 0.3710



48.2508, 0.3086, 0.3584



10.8117, 0.3169, 0.3523



25.3500, 0.3205, 0.5838



1.0302, 0.3404, 0.5680

Inverse Universe

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



40.9856, 0.3062, 0.2963



69.0871, 0.3043, 0.2880



41.9686, 0.3171, 0.3013



9.5204, 0.3082, 0.3060



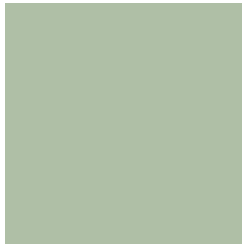
5.2598, 0.2334, 0.1059



0.2416, 0.2548, 0.1177

Previews

White Background



This preview shows how the Yxy color 49.1287, 0.3185, 0.3623 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 49.1287, 0.3185, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

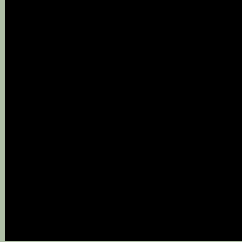
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

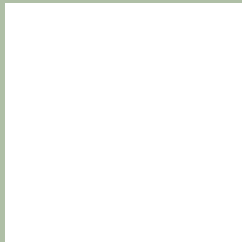
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1287, 0.3185, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 49.1287, 0.3185, 0.3623.



This preview shows how white text looks on a background with the Yxy color 49.1287, 0.3185, 0.3623.

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

49.1287, 0.3185, 0.3623

Protanopia

48.8116, 0.3381, 0.3572

Deuteranopia

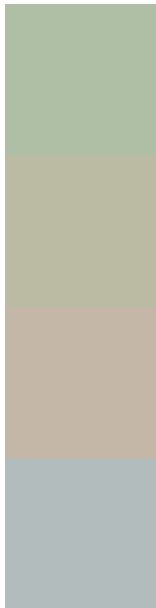
48.7690, 0.3496, 0.3425



Tritanopia

49.0382, 0.2966, 0.3100

Trichromacy



Original Color

49.1287, 0.3185, 0.3623

Protanomaly

48.7858, 0.3308, 0.3589

Deuteranomaly

48.5273, 0.3379, 0.3493

Tritanomaly

49.0623, 0.3046, 0.3290

Monochromacy



Original Color

49.1287, 0.3185, 0.3623

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.9954, 0.3147, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1287, 0.3185, 0.3623 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(175, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 166)  
}
```

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(175, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 166) }
```

Border

The CSS property to change the border of an element to Yxy 49.1287, 0.3185, 0.3623 is called "border". The border property can be set on classes, ids or directly on the HTML element.

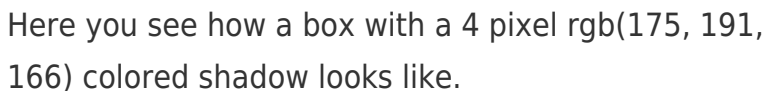
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 191, 166) }
```

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

```
.border{ border-color:rgb(175, 191, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 191, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 191, 166); box-shadow:4px 4px 4px 4px rgb(175, 191, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1287, 0.3185, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 166) }
```

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

```
.background{ background-color: rgb(175,  
191, 166) }
```

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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