

Converting Colors

$Yxy(49.4423, 0.3444, 0.3571)$

Have a look what the booklet for
Yxy(49.4423, 0.3444, 0.3571)
contains.

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Color

Yxy(49.5859, 0.3443, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	C8B9A2
RGB	200, 185, 162
RGB Percent	78%, 73%, 64%
CMY	0.2157, 0.2745, 0.3648
CMYK	0.00, 0.07, 0.19, 0.22
HSL	36°, 26%, 71%
HSV	36°, 19%, 78%
XYZ	47.6883, 49.5859, 41.2339
YIQ	186.8630, 16.3230, -3.9730

Conversions

Conversions Part 2

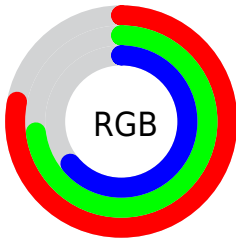
Format	Color
RYB	187, 200, 162
Decimal	13154722
CIELab	75.81, 1.56, 13.60
CIElCh	76, 13.692, 83.471
Yxy	49.5859, 0.3443, 0.3580
Android (android.graphics.Color)	4291344802 (0xFFC8B9A2)
YUV	186.8630, -12.2575, 11.5211
Hunter-Lab	70.4173, -2.3455, 14.5739

Details

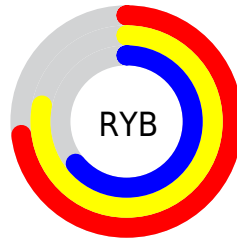
The Yxy color $49.5859, 0.3443, 0.3580$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.2858, 0.2827, 0.2982$, and the grayscale version is $49.6767, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.1803, 0.3371, 0.3528$, and $23.7393, 0.3538, 0.3664$ is the 20% darker color. If you saturate the color by 10%, you get $45.7232, 0.3636, 0.3740$, and if you desaturate by 10%, it is $53.7492, 0.3268, 0.3424$.

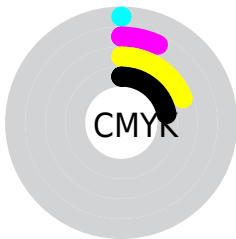
Distribution



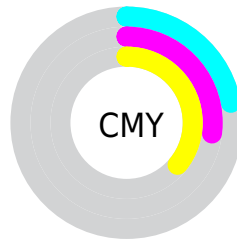
- Red (78%)
- Green (73%)
- Blue (64%)



- Red (73%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5859, 0.3443, 0.3580 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 49.5859, 0.3443, 0.3580 by changing the saturation by 10% instead.

 49.5859, 0.3443,
0.3580


 49.5859, 0.3443,
0.3580


385.0443, 0.3287,
0.3437

 35.0845, 0.3482,
0.3615


 89.5610, 0.3386,
0.3529

 23.7280, 0.3531,
0.3659


 115.8035, 0.3365,
0.3509

 15.1319, 0.3596,
0.3717


146.7285, 0.3347,
0.3493

 8.9120, 0.3685,
0.3797

182.7203, 0.3332,
0.3479

 4.6839, 0.3815,
0.3911

224.1634, 0.3318,
0.3466

 2.0630, 0.4019,
0.4088

271.4422, 0.3306,

 0.6437, 0.5024,

0.3455

0.4976

324.9411, 0.3296,
0.3446

0.0000, 0.0000,
0.0000

49.5859, 0.3443,
0.3580

49.5859, 0.3443,
0.3580

45.7232, 0.3636,
0.3740

53.7492, 0.3268,
0.3424

42.1462, 0.3846,
0.3900

58.2144, 0.3112,
0.3276

38.8485, 0.4070,
0.4052

62.9912, 0.2974,
0.3137

35.8204, 0.4301,
0.4185

68.0867, 0.2851,
0.3008

33.0520, 0.4530,
0.4290

73.0496, 0.2782,
0.2960

■ 30.5320, 0.4745,
0.4353

■ 77.3994, 0.2788,
0.3047

■ 28.2476, 0.4934,
0.4366

■ 81.9485, 0.2794,
0.3132

■ 26.1796, 0.5092,
0.4331

■ 86.6996, 0.2800,
0.3217

■ 25.9834, 0.5107,
0.4327

■ 91.0190, 0.2805,
0.3289

Harmonies

Analogous

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



49.5859, 0.3499, 0.3463



49.5859, 0.3443, 0.3580



49.5859, 0.3302, 0.3621

Triad

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



49.5859, 0.3443, 0.3580



49.5859, 0.2812, 0.3259



49.5859, 0.3129, 0.3032

Complementary

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



49.5859, 0.3443, 0.3580



43.2858, 0.2827, 0.2982

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.



49.5859, 0.2948, 0.2977



49.5859, 0.3443, 0.3580



49.5859, 0.2769, 0.3101

Square

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



49.5859, 0.3443, 0.3580



49.5859, 0.2938, 0.3433



49.5859, 0.2818, 0.3000



49.5859, 0.3315, 0.3151

Rectangle

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



49.5859, 0.3443, 0.3580



49.5859, 0.3180, 0.3596



49.5859, 0.2818, 0.3000



49.5859, 0.3066, 0.3006

Sweetspot

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



49.5881, 0.3443, 0.3580



95.2638, 0.3221, 0.3380



41.2975, 0.3353, 0.3098



20.2826, 0.3232, 0.3390



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.



49.5881, 0.3443, 0.3580



82.9013, 0.3524, 0.3649



55.6775, 0.3379, 0.3763



11.6877, 0.3275, 0.3430



16.7005, 0.5091, 0.4340



0.9291, 0.4856, 0.4526

Inverse Universe

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



43.2858, 0.2827, 0.2982



69.9168, 0.2755, 0.2902



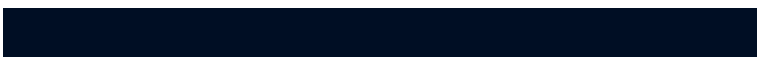
38.0908, 0.2847, 0.2779



10.9623, 0.2983, 0.3146



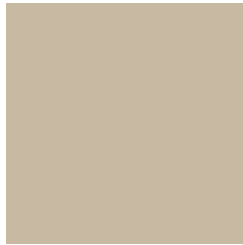
6.3594, 0.1684, 0.1263



0.4418, 0.1802, 0.1687

Previews

White Background



This preview shows how the Yxy color 49.5859, 0.3443, 0.3580 looks on a white background.

Color Contrast Check

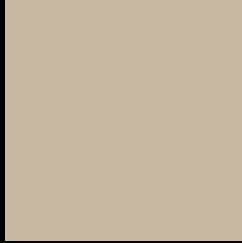
Large Text (above 18pt) WCAG AA × Fail

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 49.5859, 0.3443, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

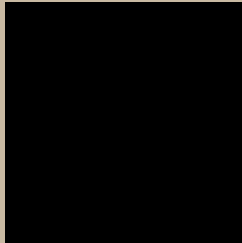
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

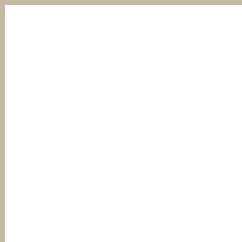
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5859, 0.3443, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 49.5859, 0.3443, 0.3580.



This preview shows how white text looks on a background with the Yxy color 49.5859, 0.3443, 0.3580.

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

49.5859, 0.3443, 0.3580

Protanopia

49.4979, 0.3397, 0.3583

Deuteranopia

49.5830, 0.3573, 0.3497



Tritanopia

49.3749, 0.3221, 0.3121

Trichromacy



Original Color

49.5859, 0.3443, 0.3580

Protanomaly

49.6325, 0.3406, 0.3582

Deuteranomaly

49.6556, 0.3522, 0.3524

Tritanomaly

49.5298, 0.3309, 0.3291

Monochromacy



Original Color

49.5859, 0.3443, 0.3580

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5386, 0.3241, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5859, 0.3443, 0.3580 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(200, 185, 162)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 162)  
}
```

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(200, 185, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 162) }
```

Border

The CSS property to change the border of an element to Yxy 49.5859, 0.3443, 0.3580 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(200, 185, 162) }
```

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

```
.border{ border-color:rgb(200, 185, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 162);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5859, 0.3443, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 162) }
```

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

```
.background{ background-color: rgb(200,  
185, 162) }
```

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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