

Converting Colors

$Yxy(39.8569, 0.3301, 0.3579)$

Have a look what the booklet for
Yxy(39.8569, 0.3301, 0.3579)
contains.

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Color

Yxy(39.9858, 0.3307, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	ABAB96
RGB	171, 171, 150
RGB Percent	67%, 67%, 59%
CMY	0.3293, 0.3294, 0.4118
CMYK	0.00, 0.00, 0.12, 0.33
HSL	60°, 11%, 63%
HSV	60°, 12%, 67%
XYZ	36.8645, 39.9858, 34.6239
YIQ	168.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

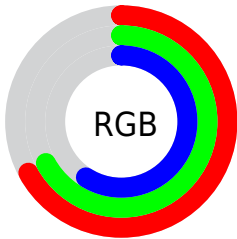
Format	Color
RYB	150, 171, 150
Decimal	11250582
CIELab	69.46, -3.72, 10.83
CIELCh	69, 11.454, 108.968
Yxy	39.9858, 0.3307, 0.3587
Android (android.graphics.Color)	4289440662 (0xFFABAB96)
YUV	168.6060, -9.1728, 2.0995
Hunter-Lab	63.2343, -6.5976, 11.7998

Details

The Yxy color **39.9858, 0.3307, 0.3587** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2386, 0.2936, 0.2975**, and the grayscale version is **39.5167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9211, 0.3272, 0.3529**, and **18.0164, 0.3366, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **39.4708, 0.3457, 0.3834**, and if you desaturate by 10%, it is **40.5847, 0.3160, 0.3344**.

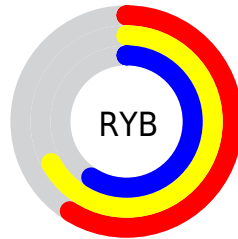
Distribution



Red (67%)

Green (67%)

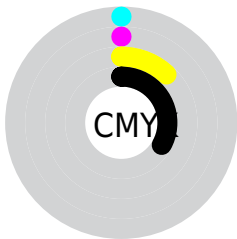
Blue (59%)



Red (59%)

Yellow (67%)

Blue (59%)

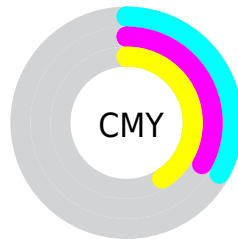


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9858, 0.3307, 0.3587 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 39.9858, 0.3307, 0.3587 by changing the saturation by 10% instead.


 39.9858, 0.3307,
0.3587

 39.9858, 0.3307,
0.3587


346.0637, 0.3215,
0.3433

 27.5275, 0.3330,
0.3627


 75.1419, 0.3273,
0.3530

 17.9698, 0.3361,
0.3679


 98.6084, 0.3261,
0.3509

 10.9283, 0.3401,
0.3751


126.5132, 0.3250,
0.3491

 6.0186, 0.3459,
0.3855

159.2405, 0.3241,
0.3476

 2.8564, 0.3546,
0.4017

197.1749, 0.3234,
0.3463

 1.0572, 0.3862,
0.4506

240.7006, 0.3227,

 0.0000, 0.0000,

0.3452

0.0000

290.2021, 0.3221,
0.3442

■ 39.9858, 0.3307,
0.3587

■ 39.9858, 0.3307,
0.3587

■ 39.4708, 0.3457,
0.3834

■ 40.5847, 0.3160,
0.3344

■ 39.0310, 0.3605,
0.4078

■ 41.2655, 0.3019,
0.3112

■ 38.6645, 0.3746,
0.4312

■ 42.0331, 0.2886,
0.2892

■ 38.3671, 0.3875,
0.4525

■ 42.8903, 0.2763,
0.2689

■ 38.1345, 0.3986,
0.4708

■ 43.8400, 0.2650,
0.2501

■ 37.9617, 0.4075,
0.4854

■ 44.8847, 0.2546,
0.2330

■ 37.8432, 0.4138,
0.4959

■ 45.0438, 0.2533,
0.2308

■ 37.7721, 0.4177,
0.5022

■ 45.0492, 0.2533,
0.2308

■ 37.7385, 0.4195,
0.5051

■ 45.0546, 0.2533,
0.2308

Harmonies

Analogous

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



39.9858, 0.3424, 0.3539



39.9858, 0.3307, 0.3587



39.9858, 0.3144, 0.3552

Triad

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



39.9858, 0.3307, 0.3587



39.9858, 0.2805, 0.3139



39.9858, 0.3273, 0.3146

Complementary

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



39.9858, 0.3307, 0.3587



31.2386, 0.2936, 0.2975

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.



39.9858, 0.3104, 0.3046



39.9858, 0.3307, 0.3587



39.9858, 0.2837, 0.3038

Square

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



39.9858, 0.3307, 0.3587



39.9858, 0.2856, 0.3287



39.9858, 0.2945, 0.3006



39.9858, 0.3405, 0.3284

Rectangle

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



39.9858, 0.3307, 0.3587



39.9858, 0.3031, 0.3484



39.9858, 0.2945, 0.3006



39.9858, 0.3218, 0.3107

Sweetspot

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



39.9876, 0.3307, 0.3587



72.4678, 0.3186, 0.3387



32.6820, 0.3341, 0.3286



16.1423, 0.3197, 0.3405



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.9876, 0.3307, 0.3587



71.3096, 0.3351, 0.3660



38.8962, 0.3212, 0.3596



9.3291, 0.3263, 0.3514



28.4430, 0.4195, 0.5051



0.7916, 0.4194, 0.5052

Inverse Universe

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



31.2386, 0.2936, 0.2975



52.2536, 0.2886, 0.2891



32.2394, 0.3034, 0.2984



7.7583, 0.2985, 0.3056



2.2193, 0.1500, 0.0601



0.0621, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 39.9858, 0.3307, 0.3587 looks on a white background.

Color Contrast Check

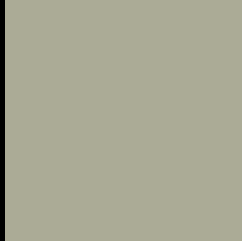
Large Text (above 18pt) WCAG AA × Fail

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 39.9858, 0.3307, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

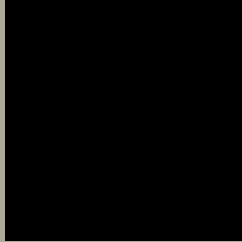
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

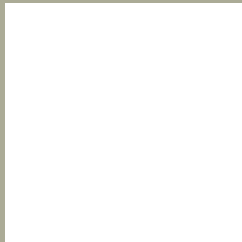
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9858, 0.3307, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 39.9858, 0.3307, 0.3587.



This preview shows how white text looks on a background with the Yxy color 39.9858, 0.3307, 0.3587.

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

39.9858, 0.3307, 0.3587

Protanopia

39.8930, 0.3377, 0.3569

Deuteranopia

39.6679, 0.3510, 0.3437



Tritanopia

40.0467, 0.3090, 0.3114

Trichromacy



Original Color

39.9858, 0.3307, 0.3587

Protanomaly

40.0333, 0.3355, 0.3584

Deuteranomaly

39.6971, 0.3433, 0.3495

Tritanomaly

39.8685, 0.3174, 0.3276

Monochromacy



Original Color

39.9858, 0.3307, 0.3587

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9041, 0.3195, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9858, 0.3307, 0.3587 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(171, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 150)  
}
```

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(171, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 150) }
```

Border

The CSS property to change the border of an element to Yxy 39.9858, 0.3307, 0.3587 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(171, 171, 150) }
```

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

```
.border{ border-color:rgb(171, 171, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 171, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9858, 0.3307, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 150) }
```

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

```
.background{ background-color: rgb(171,  
171, 150) }
```

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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