

Converting Colors

$Y_{xy}(40.1230, 0.3266, 0.3427)$

Have a look what the booklet for
Yxy(40.1230, 0.3266, 0.3427)
contains.

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Color

Yxy(39.9931, 0.3269, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	AFA99F
RGB	175, 169, 159
RGB Percent	69%, 66%, 62%
CMY	0.3137, 0.3373, 0.3765
CMYK	0.00, 0.03, 0.09, 0.31
HSL	37°, 9%, 65%
HSV	37°, 9%, 69%
XYZ	38.1270, 39.9931, 38.5119
YIQ	169.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

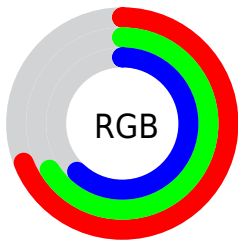
Format	Color
R _Y B	169, 175, 159
Decimal	11512223
CIE Lab	69.46, 0.37, 5.91
CIE LCh	69, 5.924, 86.416
Yxy	39.9931, 0.3269, 0.3429
Android (android.graphics.Color)	4289702303 (0xFFAFA99F)
YUV	169.6540, -5.2524, 4.6884
Hunter-Lab	63.2401, -3.0538, 8.1617

Details

The Yxy color **39.9931, 0.3269, 0.3429** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3819, 0.2988, 0.3147**, and the grayscale version is **40.0429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1553, 0.3243, 0.3397**, and **18.0162, 0.3314, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **37.0459, 0.3441, 0.3588**, and if you desaturate by 10%, it is **43.1528, 0.3115, 0.3277**.

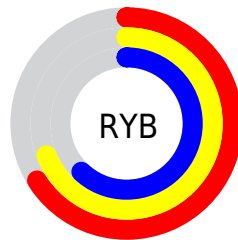
Distribution



Red (69%)

Green (66%)

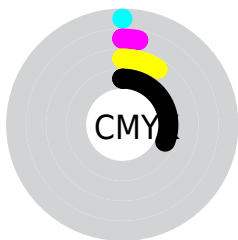
Blue (62%)



Red (66%)

Yellow (69%)

Blue (62%)

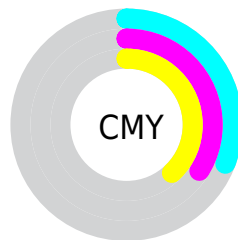


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (31%)



Cyan (31%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9931, 0.3269, 0.3429 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 39.9931, 0.3269, 0.3429 by changing the saturation by 10% instead.

 39.9931, 0.3269,
0.3429


 39.9931, 0.3269,
0.3429


346.0945, 0.3196,
0.3358

 27.5332, 0.3288,
0.3447


 75.1530, 0.3242,
0.3403

 17.9740, 0.3312,
0.3471

 98.6218, 0.3232,
0.3393

 10.9314, 0.3346,
0.3504


126.5289, 0.3224,
0.3385

 6.0207, 0.3394,
0.3551

159.2589, 0.3217,
0.3378

 2.8577, 0.3469,
0.3623

197.1960, 0.3210,
0.3372

 1.0579, 0.3626,
0.3777

240.7247, 0.3205,

 0.0000, 0.0000,

0.3367

0.0000

290.2294, 0.3200,
0.3362

■ 39.9931, 0.3269,
0.3429

■ 39.9931, 0.3269,
0.3429

■ 37.0459, 0.3441,
0.3588

■ 43.1528, 0.3115,
0.3277

■ 34.3004, 0.3630,
0.3752

■ 46.5247, 0.2977,
0.3135

■ 31.7528, 0.3834,
0.3914

■ 50.1156, 0.2855,
0.3003

■ 29.3970, 0.4051,
0.4069

■ 53.9301, 0.2746,
0.2881

■ 27.2266, 0.4273,
0.4206

■ 57.9729, 0.2651,
0.2770

■ 25.2346, 0.4492,
0.4315

■ 61.6543, 0.2613,
0.2759

■ 23.4133, 0.4698,
0.4384

■ 64.9336, 0.2622,
0.2836

■ 21.7538, 0.4878,
0.4404

■ 68.3474, 0.2631,
0.2913

■ 20.2414, 0.5031,
0.4380

■ 71.8971, 0.2640,
0.2989

Harmonies

Analogous

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



39.9931, 0.3298, 0.3379



39.9931, 0.3269, 0.3429



39.9931, 0.3201, 0.3442

Triad

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



39.9931, 0.3269, 0.3429



39.9931, 0.2975, 0.3270



39.9931, 0.3138, 0.3172

Complementary

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



39.9931, 0.3269, 0.3429



37.3819, 0.2988, 0.3147

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.



39.9931, 0.3052, 0.3143



39.9931, 0.3269, 0.3429



39.9931, 0.2959, 0.3198

Square

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



39.9931, 0.3269, 0.3429



39.9931, 0.3032, 0.3349



39.9931, 0.2987, 0.3152



39.9931, 0.3222, 0.3232

Rectangle

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



39.9931, 0.3269, 0.3429



39.9931, 0.3144, 0.3426



39.9931, 0.2987, 0.3152



39.9931, 0.3108, 0.3159

Sweetspot

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



39.9949, 0.3269, 0.3429



75.0208, 0.3173, 0.3336



36.6344, 0.3227, 0.3205



16.5734, 0.3185, 0.3348



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.9949, 0.3269, 0.3429



70.5102, 0.3303, 0.3461



42.0680, 0.3243, 0.3512



8.8171, 0.3271, 0.3431



14.5260, 0.5031, 0.4387



0.5047, 0.4719, 0.4635

Inverse Universe

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



37.3819, 0.2988, 0.3147



64.8645, 0.2956, 0.3113



35.4568, 0.3005, 0.3061



8.2315, 0.2986, 0.3145



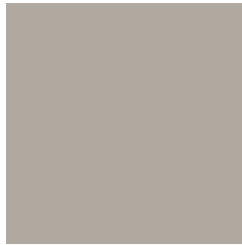
5.0921, 0.1672, 0.1220



0.2487, 0.1849, 0.1857

Previews

White Background



This preview shows how the Yxy color 39.9931, 0.3269, 0.3429 looks on a white background.

Color Contrast Check

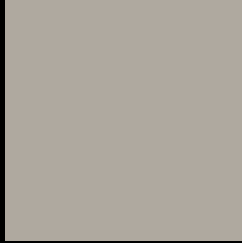
Large Text (above 18pt) WCAG AA × Fail

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 39.9931, 0.3269, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

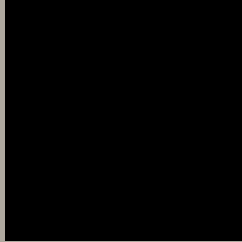
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

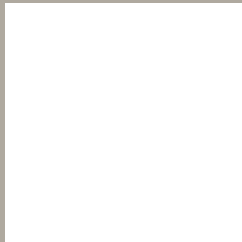
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9931, 0.3269, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 39.9931, 0.3269, 0.3429.

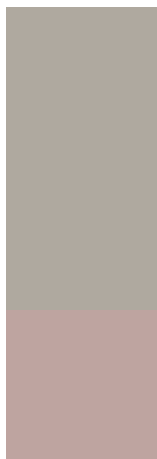


This preview shows how white text looks on a background with the Yxy color 39.9931, 0.3269, 0.3429.

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

39.9931, 0.3269, 0.3429

Protanopia

39.9931, 0.3269, 0.3429

Deuteranopia

40.0361, 0.3412, 0.3344



Tritanopia

39.9921, 0.3126, 0.3115

Trichromacy



Original Color

39.9931, 0.3269, 0.3429

Protanomaly

39.9931, 0.3269, 0.3429

Deuteranomaly

40.1248, 0.3360, 0.3372

Tritanomaly

39.9631, 0.3176, 0.3222

Monochromacy



Original Color

39.9931, 0.3269, 0.3429

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.2733, 0.3179, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9931, 0.3269, 0.3429 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, 169, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 169, 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(175, 169, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 169, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.9931, 0.3269, 0.3429 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, 169, 159) }
```

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

```
.border{ border-color:rgb(175, 169, 159) }
```

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

Here you see how a box with a 4 pixel rgb(175, 169, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 169, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 169, 159);  
box-shadow:4px 4px 4px 4px rgb(175, 169,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9931, 0.3269, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 169, 159) }
```

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

```
.background{ background-color: rgb(175,  
169, 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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