

Converting Colors

$Yxy(39.5785, 0.3214, 0.3134)$

Have a look what the booklet for
Yxy(39.5785, 0.3214, 0.3134)
contains.

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Color

Yxy(39.4799, 0.3219, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	B8A3AF
RGB	184, 163, 175
RGB Percent	72%, 64%, 69%
CMY	0.2785, 0.3608, 0.3136
CMYK	0.00, 0.11, 0.05, 0.28
HSL	326°, 13%, 68%
HSV	326°, 11%, 72%
XYZ	40.6025, 39.4799, 46.0515
YIQ	170.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

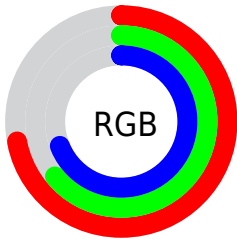
Format	Color
RYB	184, 163, 175
Decimal	12100527
CIELab	69.10, 9.77, -3.41
CIELCh	69, 10.344, 340.770
Yxy	39.4799, 0.3219, 0.3130
Android (android.graphics.Color)	4290290607 (0xFFB8A3AF)
YUV	170.6470, 2.1460, 11.7106
Hunter-Lab	62.8330, 5.3883, 0.5284

Details

The Yxy color **39.4799, 0.3219, 0.3130** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.0416, 0.3045, 0.3456**, and the grayscale version is **40.5253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3812, 0.3205, 0.3166**, and **17.6242, 0.3244, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **33.1161, 0.3316, 0.2983**, and if you desaturate by 10%, it is **46.8157, 0.3137, 0.3271**.

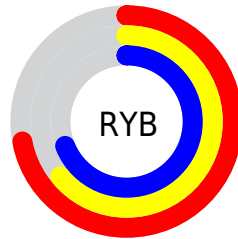
Distribution



Red (72%)

Green (64%)

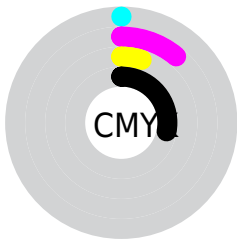
Blue (69%)



Red (72%)

Yellow (64%)

Blue (69%)

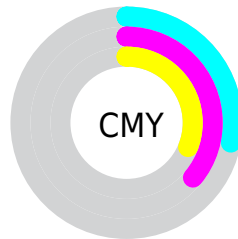


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4799, 0.3219, 0.3130 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 39.4799, 0.3219, 0.3130 by changing the saturation by 10% instead.


 39.4799, 0.3219,
0.3130


 39.4799, 0.3219,
0.3130


343.9265, 0.3172,
0.3211

 27.1333, 0.3231,
0.3109


 74.3709, 0.3202,
0.3160

 17.6733, 0.3246,
0.3082


 97.6840, 0.3195,
0.3171

 10.7157, 0.3267,
0.3046


125.4214, 0.3190,
0.3180

 5.8760, 0.3297,
0.2995

157.9675, 0.3185,
0.3188

 2.7698, 0.3343,
0.2915

195.7067, 0.3182,
0.3195

 1.0128, 0.3423,
0.2779

239.0233, 0.3178,


 0.0000, 0.5258,


0.3201


0.0000


288.3018, 0.3175,
0.3207

 0.0000, 0.0000,
0.0000


 39.4799, 0.3219,
0.3130


 39.4799, 0.3219,
0.3130


 33.1161, 0.3316,
0.2983


 46.8157, 0.3137,
0.3271

 27.6779, 0.3432,
0.2832


 55.1570, 0.3070,
0.3403

 23.1229, 0.3566,
0.2683

 64.5421, 0.3013,
0.3526

 19.4034, 0.3721,
0.2545

 75.0057, 0.2966,
0.3640

 16.4670, 0.3895,
0.2426

 86.5806, 0.2928,
0.3744

■ 14.2553, 0.4085,
0.2338

■ 86.9927, 0.2886,
0.3653

■ 12.7019, 0.4283,
0.2292

■ 87.4244, 0.2846,
0.3564

■ 11.7277, 0.4483,
0.2298

■ 87.8761, 0.2806,
0.3475

■ 11.2175, 0.4652,
0.2336

■ 88.3479, 0.2766,
0.3389

Harmonies

Analogous

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



39.4799, 0.3064, 0.3052



39.4799, 0.3219, 0.3130



39.4799, 0.3352, 0.3249

Triad

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



39.4799, 0.3219, 0.3130



39.4799, 0.3325, 0.3554



39.4799, 0.2840, 0.3188

Complementary

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



39.4799, 0.3219, 0.3130



45.0416, 0.3045, 0.3456

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.



39.4799, 0.2906, 0.3327



39.4799, 0.3219, 0.3130



39.4799, 0.3185, 0.3543

Square

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



39.4799, 0.3219, 0.3130



39.4799, 0.3414, 0.3493



39.4799, 0.3032, 0.3459



39.4799, 0.2848, 0.3081

Rectangle

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



39.4799, 0.3219, 0.3130



39.4799, 0.3408, 0.3337



39.4799, 0.3032, 0.3459



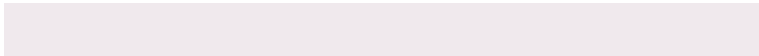
39.4799, 0.2854, 0.3232

Sweetspot

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



39.4816, 0.3219, 0.3130



82.5657, 0.3150, 0.3248



38.3988, 0.3028, 0.3004



17.5599, 0.3156, 0.3237



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.4816, 0.3219, 0.3130



68.1401, 0.3245, 0.3089



39.0931, 0.3312, 0.3267



9.0961, 0.3201, 0.3160



7.7463, 0.4629, 0.2324



0.2852, 0.4170, 0.2071

Inverse Universe

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



39.4816, 0.3219, 0.3130



68.1401, 0.3245, 0.3089



45.4516, 0.2968, 0.3313



9.0961, 0.3201, 0.3160



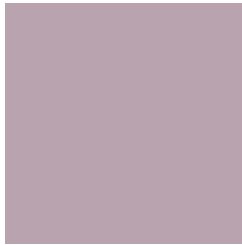
7.7463, 0.4629, 0.2324



0.2852, 0.4170, 0.2071

Previews

White Background



This preview shows how the Yxy color 39.4799, 0.3219, 0.3130 looks on a white background.

Color Contrast Check

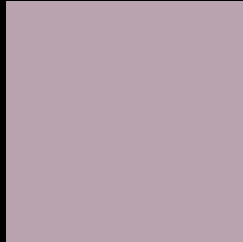
Large Text (above 18pt) WCAG AA × Fail

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 39.4799, 0.3219, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

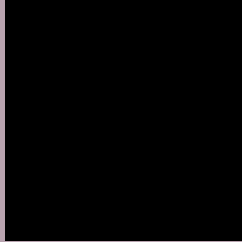
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4799, 0.3219, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 39.4799, 0.3219, 0.3130.



This preview shows how white text looks on a background with the Yxy color 39.4799, 0.3219, 0.3130.

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

39.4799, 0.3219, 0.3130

Protanopia

39.6546, 0.3052, 0.3152

Deuteranopia

39.5911, 0.3200, 0.3143



Tritanopia

39.5193, 0.3210, 0.3117

Trichromacy



Original Color

39.4799, 0.3219, 0.3130

Protanomaly

39.4454, 0.3107, 0.3140

Deuteranomaly

39.7133, 0.3209, 0.3143

Tritanomaly

39.5193, 0.3210, 0.3117

Monochromacy



Original Color

39.4799, 0.3219, 0.3130

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2139, 0.3166, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4799, 0.3219, 0.3130 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(184, 163, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 175)  
}
```

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(184, 163, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.4799, 0.3219, 0.3130 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(184, 163, 175) }
```

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

```
.border{ border-color:rgb(184, 163, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4799, 0.3219, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 175) }
```

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

```
.background{ background-color: rgb(184,  
163, 175) }
```

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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