

Converting Colors

$Yxy(39.2403, 0.3202, 0.3369)$

Have a look what the booklet for
Yxy(39.2403, 0.3202, 0.3369)
contains.

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Color

Yxy(39.2718, 0.3206, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	ABA8A2
RGB	171, 168, 162
RGB Percent	67%, 66%, 64%
CMY	0.3295, 0.3411, 0.3646
CMYK	0.00, 0.02, 0.05, 0.33
HSL	40°, 5%, 65%
HSV	40°, 5%, 67%
XYZ	37.3164, 39.2718, 39.8072
YIQ	168.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

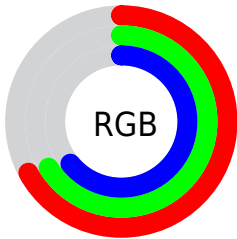
Format	Color
RYB	167, 171, 162
Decimal	11249826
CIELab	68.95, -0.03, 3.45
CIELCh	69, 3.453, 90.560
Yxy	39.2718, 0.3206, 0.3374
Android (android.graphics.Color)	4289439906 (0xFFABA8A2)
YUV	168.2130, -3.0630, 2.4442
Hunter-Lab	62.6672, -3.3765, 6.2051

Details

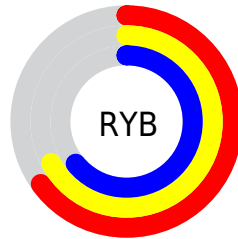
The Yxy color **39.2718, 0.3206, 0.3374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5305, 0.3049, 0.3205**, and the grayscale version is **39.2818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9539, 0.3188, 0.3355**, and **17.5385, 0.3239, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **36.6593, 0.3369, 0.3541**, and if you desaturate by 10%, it is **42.0615, 0.3059, 0.3216**.

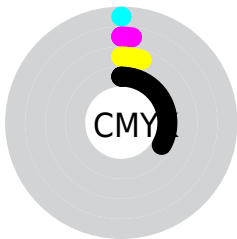
Distribution



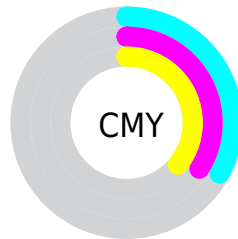
- Red (67%)
- Green (66%)
- Blue (64%)



- Red (65%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (33%)





- Cyan (33%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2718, 0.3206, 0.3374 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 39.2718, 0.3206, 0.3374 by changing the saturation by 10% instead.


 39.2718, 0.3206,
0.3374


 39.2718, 0.3206,
0.3374


343.0447, 0.3165,
0.3331

 26.9712, 0.3217,
0.3385

 74.0534, 0.3191,
0.3358

 17.5516, 0.3230,
0.3400


 97.3031, 0.3185,
0.3352

 10.6286, 0.3249,
0.3420


124.9714, 0.3181,
0.3347

 5.8177, 0.3276,
0.3449

157.4427, 0.3177,
0.3343

 2.7345, 0.3319,
0.3494

195.1012, 0.3173,
0.3339

 0.9948, 0.3402,
0.3583

238.3315, 0.3170,

 0.0000, 0.0000,

0.3336

0.0000

287.5178, 0.3168,
0.3333

■ 39.2718, 0.3206,
0.3374

■ 39.2718, 0.3206,
0.3374

■ 36.6593, 0.3369,
0.3541

■ 42.0615, 0.3059,
0.3216

■ 34.2146, 0.3547,
0.3713

■ 45.0276, 0.2927,
0.3068

■ 31.9345, 0.3738,
0.3887

■ 48.1758, 0.2810,
0.2931

■ 29.8140, 0.3941,
0.4055

■ 51.5101, 0.2705,
0.2804

■ 27.8479, 0.4148,
0.4209

■ 55.0343, 0.2612,
0.2688

■ 26.0304, 0.4353,
0.4339

■ 58.1173, 0.2579,
0.2679

■ 24.3550, 0.4546,
0.4433

■ 60.8250, 0.2588,
0.2746

■ 22.8146, 0.4718,
0.4482

■ 63.6314, 0.2596,
0.2814

■ 21.4004, 0.4859,
0.4483

■ 66.5374, 0.2605,
0.2881

Harmonies

Analogous

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



39.2718, 0.3227, 0.3348



39.2718, 0.3206, 0.3374



39.2718, 0.3164, 0.3378

Triad

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



39.2718, 0.3206, 0.3374



39.2718, 0.3035, 0.3272



39.2718, 0.3141, 0.3225

Complementary

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



39.2718, 0.3206, 0.3374



37.5305, 0.3049, 0.3205

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.



39.2718, 0.3090, 0.3204



39.2718, 0.3206, 0.3374



39.2718, 0.3029, 0.3231

Square

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



39.2718, 0.3206, 0.3374



39.2718, 0.3066, 0.3318



39.2718, 0.3049, 0.3207



39.2718, 0.3189, 0.3262

Rectangle

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



39.2718, 0.3206, 0.3374



39.2718, 0.3130, 0.3366



39.2718, 0.3049, 0.3207



39.2718, 0.3124, 0.3216

Sweetspot

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



39.2735, 0.3206, 0.3374



71.9232, 0.3157, 0.3322



37.2218, 0.3186, 0.3248



16.0515, 0.3156, 0.3321



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.



39.2735, 0.3206, 0.3374



69.9390, 0.3220, 0.3388



40.2146, 0.3189, 0.3416



9.0485, 0.3226, 0.3395



15.7561, 0.4913, 0.4481



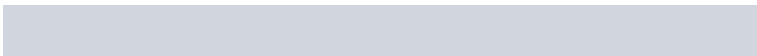
0.5331, 0.4647, 0.4692

Inverse Universe

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



37.5305, 0.3049, 0.3205



66.3173, 0.3036, 0.3190



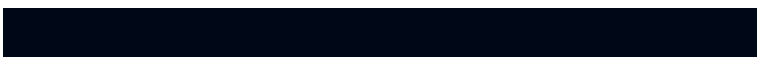
36.6303, 0.3063, 0.3162



8.5482, 0.3029, 0.3183



4.4852, 0.1639, 0.1101



0.2267, 0.1817, 0.1741

Previews

White Background



This preview shows how the Yxy color 39.2718, 0.3206, 0.3374 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 39.2718, 0.3206, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

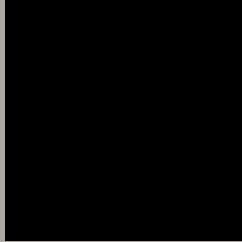
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

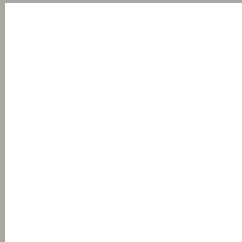
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2718, 0.3206, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 39.2718, 0.3206, 0.3374.



This preview shows how white text looks on a background with the Yxy color 39.2718, 0.3206, 0.3374.

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

39.2718, 0.3206, 0.3374

Protanopia

39.1303, 0.3226, 0.3360

Deuteranopia

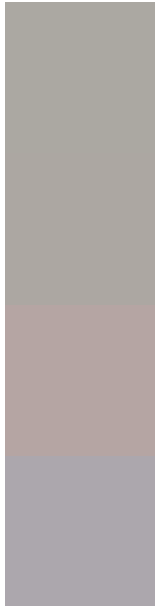
39.2778, 0.3348, 0.3291



Tritanopia

39.4113, 0.3081, 0.3113

Trichromacy



Original Color

39.2718, 0.3206, 0.3374

Protanomaly

39.0167, 0.3217, 0.3360

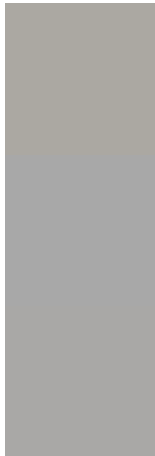
Deuteranomaly

39.3784, 0.3296, 0.3318

Tritanomaly

39.4252, 0.3122, 0.3207

Monochromacy



Original Color

39.2718, 0.3206, 0.3374

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1935, 0.3153, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2718, 0.3206, 0.3374 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, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 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(171, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.2718, 0.3206, 0.3374 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, 168, 162) }
```

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

```
.border{ border-color:rgb(171, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2718, 0.3206, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 162) }
```

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

```
.background{ background-color: rgb(171,  
168, 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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