

Converting Colors

$Yxy(43.0203, 0.3201, 0.3398)$

Have a look what the booklet for
Yxy(43.0203, 0.3201, 0.3398)
contains.

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Color

Yxy(43.2249, 0.3202, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	B1B0A8
RGB	177, 176, 168
RGB Percent	69%, 69%, 66%
CMY	0.3057, 0.3098, 0.3411
CMYK	0.00, 0.01, 0.05, 0.31
HSL	53°, 5%, 68%
HSV	53°, 5%, 69%
XYZ	40.7316, 43.2249, 43.2503
YIQ	175.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

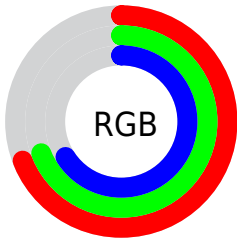
Format	Color
RYB	169, 177, 168
Decimal	11645096
CIELab	71.71, -1.08, 4.20
CIELCh	72, 4.338, 104.467
Yxy	43.2249, 0.3202, 0.3398
Android (android.graphics.Color)	4289835176 (0xFFB1B0A8)
YUV	175.3870, -3.6418, 1.4146
Hunter-Lab	65.7456, -4.4681, 7.0184

Details

The Yxy color **43.2249, 0.3202, 0.3398** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9009, 0.3051, 0.3180**, and the grayscale version is **43.1024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3646, 0.3191, 0.3384**, and **19.9613, 0.3218, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **41.8146, 0.3355, 0.3616**, and if you desaturate by 10%, it is **44.7409, 0.3057, 0.3189**.

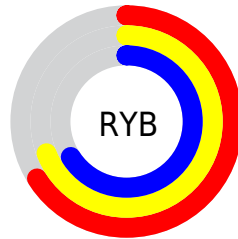
Distribution



Red (69%)

Green (69%)

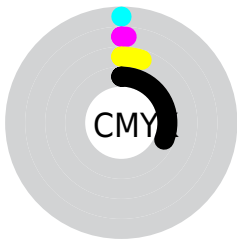
Blue (66%)



Red (66%)

Yellow (69%)

Blue (66%)

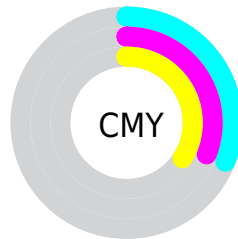


Cyan (0%)

Magenta (1%)

Yellow (5%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2249, 0.3202, 0.3398 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 43.2249, 0.3202, 0.3398 by changing the saturation by 10% instead.

 43.2249, 0.3202,
0.3398


 43.2249, 0.3202,
0.3398


359.5359, 0.3164,
0.3343

 30.0616, 0.3212,
0.3412


 80.0501, 0.3188,
0.3378

 19.8854, 0.3224,
0.3430

 104.4809, 0.3183,
0.3370

 12.3117, 0.3241,
0.3455


133.4362, 0.3179,
0.3364

 6.9564, 0.3264,
0.3489

167.3006, 0.3175,
0.3359

 3.4348, 0.3300,
0.3543

206.4583, 0.3172,
0.3354

 1.3627, 0.3362,
0.3635

251.2938, 0.3169,

 0.1890, 0.4477,

0.3350

0.5523

302.1916, 0.3166,
0.3346

0.0000, 0.0000,
0.0000

43.2249, 0.3202,
0.3398

43.2249, 0.3202,
0.3398

41.8146, 0.3355,
0.3616

44.7409, 0.3057,
0.3189

40.5006, 0.3515,
0.3839

46.3605, 0.2923,
0.2991

39.2811, 0.3677,
0.4060

48.0887, 0.2800,
0.2807

38.1518, 0.3836,
0.4270

49.9287, 0.2688,
0.2638

37.1080, 0.3987,
0.4461

51.7842, 0.2594,
0.2497

■ 36.1450, 0.4122,
0.4623

■ 52.6542, 0.2597,
0.2522

■ 35.2569, 0.4236,
0.4748

■ 53.5365, 0.2600,
0.2546

■ 34.4374, 0.4325,
0.4830

■ 54.4313, 0.2603,
0.2570

■ 33.6784, 0.4386,
0.4869

■ 55.3386, 0.2606,
0.2595

Harmonies

Analogous

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



43.2249, 0.3240, 0.3378



43.2249, 0.3202, 0.3398



43.2249, 0.3144, 0.3389

Triad

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



43.2249, 0.3202, 0.3398



43.2249, 0.3008, 0.3243



43.2249, 0.3172, 0.3229

Complementary

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



43.2249, 0.3202, 0.3398



39.9009, 0.3051, 0.3180

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.



43.2249, 0.3110, 0.3194



43.2249, 0.3202, 0.3398



43.2249, 0.3015, 0.3202

Square

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



43.2249, 0.3202, 0.3398



43.2249, 0.3032, 0.3299



43.2249, 0.3052, 0.3184



43.2249, 0.3223, 0.3281

Rectangle

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



43.2249, 0.3202, 0.3398



43.2249, 0.3102, 0.3367



43.2249, 0.3052, 0.3184



43.2249, 0.3152, 0.3215

Sweetspot

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



43.2268, 0.3202, 0.3398



78.1934, 0.3157, 0.3333



40.2303, 0.3201, 0.3276



16.9522, 0.3155, 0.3331



89.0005, 0.3127, 0.3290



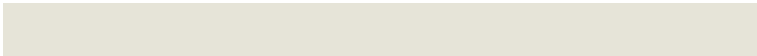
17.0645, 0.3127, 0.3290

Same Dimension

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



43.2268, 0.3202, 0.3398



77.1205, 0.3217, 0.3420



43.2362, 0.3170, 0.3413



9.8272, 0.3224, 0.3429



24.1875, 0.4409, 0.4882



0.8082, 0.4341, 0.4935

Inverse Universe

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



39.9009, 0.3051, 0.3180



70.0348, 0.3036, 0.3157



39.8989, 0.3083, 0.3166



8.8626, 0.3029, 0.3147



2.7225, 0.1527, 0.0698



0.1364, 0.1622, 0.1039

Previews

White Background



This preview shows how the Yxy color 43.2249, 0.3202, 0.3398 looks on a white background.

Color Contrast Check

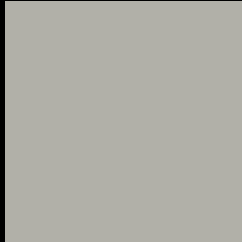
Large Text (above 18pt) WCAG AA × Fail

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 43.2249, 0.3202, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

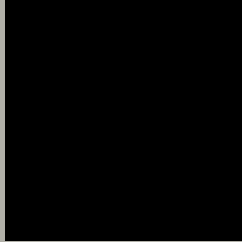
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

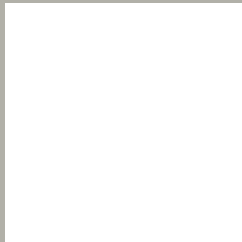
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2249, 0.3202, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 43.2249, 0.3202, 0.3398.



This preview shows how white text looks on a background with the Yxy color 43.2249, 0.3202, 0.3398.

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

43.2249, 0.3202, 0.3398

Protanopia

43.2737, 0.3247, 0.3398

Deuteranopia

43.2161, 0.3367, 0.3304



Tritanopia

43.1783, 0.3074, 0.3106

Trichromacy



Original Color

43.2249, 0.3202, 0.3398

Protanomaly

43.1533, 0.3238, 0.3398

Deuteranomaly

43.0610, 0.3298, 0.3330

Tritanomaly

43.1511, 0.3122, 0.3210

Monochromacy



Original Color

43.2249, 0.3202, 0.3398

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8686, 0.3161, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2249, 0.3202, 0.3398 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(177, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 168)  
}
```

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(177, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 168) }
```

Border

The CSS property to change the border of an element to Yxy 43.2249, 0.3202, 0.3398 is called "border". The border property can be set on classes, ids or directly on the HTML element.

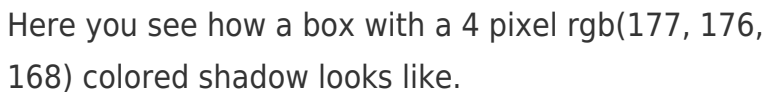
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 176, 168) }
```

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

```
.border{ border-color:rgb(177, 176, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 176, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 176, 168); box-shadow:4px 4px 4px 4px rgb(177, 176, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2249, 0.3202, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 168) }
```

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

```
.background{ background-color: rgb(177,  
176, 168) }
```

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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