

Converting Colors

$Yxy(44.4138, 0.3238, 0.3383)$

Have a look what the booklet for
Yxy(44.4138, 0.3238, 0.3383)
contains.

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Color

Yxy(44.4138, 0.3238, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1AA
RGB	183, 177, 170
RGB Percent	72%, 69%, 67%
CMY	0.2823, 0.3059, 0.3333
CMYK	0.00, 0.03, 0.07, 0.28
HSL	32°, 8%, 69%
HSV	32°, 7%, 72%
XYZ	42.5102, 44.4138, 44.3613
YIQ	177.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

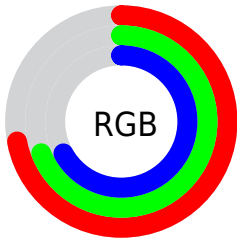
Format	Color
RYB	181, 183, 170
Decimal	12038570
CIELab	72.50, 0.89, 4.33
CIElCh	73, 4.417, 78.374
Yxy	44.4138, 0.3238, 0.3383
Android (android.graphics.Color)	4290228650 (0xFFB7B1AA)
YUV	177.9960, -3.9420, 4.3885
Hunter-Lab	66.6437, -2.7662, 7.1843

Details

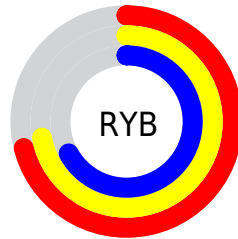
The Yxy color **44.4138, 0.3238, 0.3383** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.0266, 0.3019, 0.3195**, and the grayscale version is **44.5399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0648, 0.3219, 0.3372**, and **20.4691, 0.3269, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **40.5283, 0.3411, 0.3520**, and if you desaturate by 10%, it is **48.6072, 0.3085, 0.3254**.

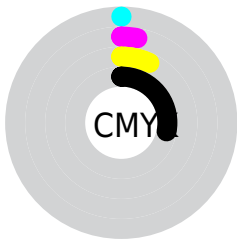
Distribution



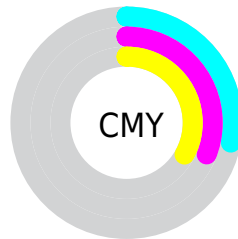
- Red (72%)
- Green (69%)
- Blue (67%)



- Red (71%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4138, 0.3238, 0.3383 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 44.4138, 0.3238, 0.3383 by changing the saturation by 10% instead.

■ 44.4138, 0.3238,
0.3383

■ 44.4138, 0.3238,
0.3383

364.3942, 0.3182,
0.3336

■ 30.9960, 0.3252,
0.3395

■ 81.8401, 0.3218,
0.3366

■ 20.5958, 0.3270,
0.3410

106.6172, 0.3210,
0.3360

■ 12.8288, 0.3295,
0.3430

135.9497, 0.3203,
0.3354

■ 7.3108, 0.3330,
0.3459

170.2217, 0.3198,
0.3350

■ 3.6572, 0.3383,
0.3502

209.8178, 0.3193,
0.3346

■ 1.4837, 0.3472,
0.3575

255.1223, 0.3189,

■ 0.2772, 0.5071,

0.3342

0.4929

306.5197, 0.3185,
0.3339

0.0000, 0.0000,
0.0000

44.4138, 0.3238,
0.3383

44.4138, 0.3238,
0.3383

40.5283, 0.3411,
0.3520

48.6072, 0.3085,
0.3254

36.9372, 0.3607,
0.3662

53.1102, 0.2951,
0.3133

33.6345, 0.3824,
0.3805

57.9316, 0.2833,
0.3021

30.6115, 0.4060,
0.3943

63.0784, 0.2730,
0.2919

27.8592, 0.4311,
0.4066

68.1306, 0.2675,
0.2892

■ 25.3680, 0.4569,
0.4163

■ 72.6714, 0.2685,
0.2989

■ 23.1272, 0.4819,
0.4222

■ 77.4404, 0.2695,
0.3084

■ 21.1251, 0.5047,
0.4233

■ 82.4407, 0.2704,
0.3178

■ 19.3468, 0.5242,
0.4192

■ 87.6755, 0.2714,
0.3270

Harmonies

Analogous

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



44.4138, 0.3250, 0.3342



44.4138, 0.3238, 0.3383



44.4138, 0.3196, 0.3399

Triad

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



44.4138, 0.3238, 0.3383



44.4138, 0.3026, 0.3291



44.4138, 0.3118, 0.3197

Complementary

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



44.4138, 0.3238, 0.3383



43.0266, 0.3019, 0.3195

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.



44.4138, 0.3058, 0.3183



44.4138, 0.3238, 0.3383



44.4138, 0.3006, 0.3237

Square

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



44.4138, 0.3238, 0.3383



44.4138, 0.3074, 0.3346



44.4138, 0.3017, 0.3197



44.4138, 0.3181, 0.3235

Rectangle

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



44.4138, 0.3238, 0.3383



44.4138, 0.3157, 0.3394



44.4138, 0.3017, 0.3197



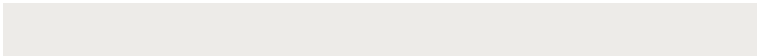
44.4138, 0.3097, 0.3189

Sweetspot

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



44.4157, 0.3238, 0.3383



83.2709, 0.3158, 0.3316



41.9570, 0.3194, 0.3210



18.4095, 0.3156, 0.3315



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.



44.4157, 0.3238, 0.3383



78.0667, 0.3272, 0.3410



46.7962, 0.3227, 0.3462



9.7899, 0.3275, 0.3413



13.2984, 0.5280, 0.4189



0.5913, 0.4929, 0.4469

Inverse Universe

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



43.0266, 0.3019, 0.3195



74.9126, 0.2988, 0.3167



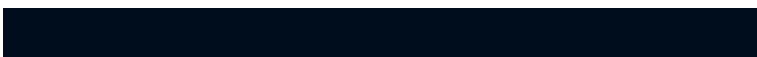
40.7634, 0.3024, 0.3113



9.3859, 0.2985, 0.3164



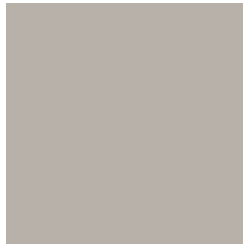
7.0162, 0.1744, 0.1478



0.3714, 0.1882, 0.1975

Previews

White Background



This preview shows how the Yxy color 44.4138, 0.3238, 0.3383 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 44.4138, 0.3238, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

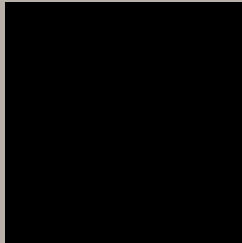
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

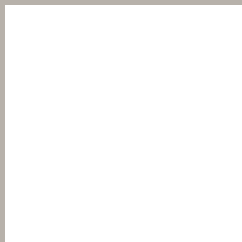
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4138, 0.3238, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 44.4138, 0.3238, 0.3383.

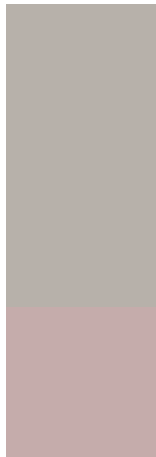


This preview shows how white text looks on a background with the Yxy color 44.4138, 0.3238, 0.3383.

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

44.4138, 0.3238, 0.3383

Protanopia

44.4138, 0.3238, 0.3383

Deuteranopia

44.3156, 0.3364, 0.3303



Tritanopia

44.3420, 0.3118, 0.3110

Trichromacy



Original Color

44.4138, 0.3238, 0.3383

Protanomaly

44.4138, 0.3238, 0.3383

Deuteranomaly

44.4188, 0.3315, 0.3329

Tritanomaly

44.3104, 0.3166, 0.3212

Monochromacy



Original Color

44.4138, 0.3238, 0.3383

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6392, 0.3169, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4138, 0.3238, 0.3383 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(183, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 170)  
}
```

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(183, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.4138, 0.3238, 0.3383 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(183, 177, 170) }
```

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

```
.border{ border-color:rgb(183, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4138, 0.3238, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 170) }
```

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

```
.background{ background-color: rgb(183,  
177, 170) }
```

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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