

Converting Colors

$Y_{xy}(44.3735, 0.3231, 0.3350)$

Have a look what the booklet for
Yxy(44.3735, 0.3231, 0.3350)
contains.

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Color

Yxy(44.2196, 0.3231, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	B8B0AC
RGB	184, 176, 172
RGB Percent	72%, 69%, 67%
CMY	0.2785, 0.3098, 0.3254
CMYK	0.00, 0.04, 0.07, 0.28
HSL	20°, 8%, 70%
HSV	20°, 7%, 72%
XYZ	42.7381, 44.2196, 45.3175
YIQ	177.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

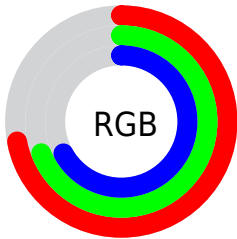
Format	Color
RYB	184, 178, 172
Decimal	12103852
CIELab	72.38, 2.13, 3.05
CIELCh	72, 3.716, 55.046
Yxy	44.2196, 0.3231, 0.3343
Android (android.graphics.Color)	4290293932 (0xFFB8B0AC)
YUV	177.9360, -2.9264, 5.3181
Hunter-Lab	66.4978, -1.6493, 6.1430

Details

The Yxy color **44.2196, 0.3231, 0.3343** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8737, 0.3028, 0.3236**, and the grayscale version is **44.4993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7845, 0.3214, 0.3341**, and **20.5967, 0.3259, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **38.9683, 0.3414, 0.3429**, and if you desaturate by 10%, it is **50.0071, 0.3076, 0.3263**.

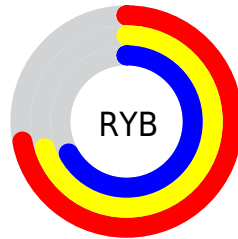
Distribution



Red (72%)

Green (69%)

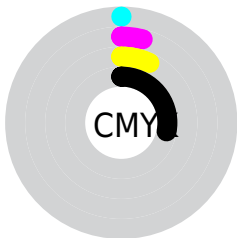
Blue (67%)



Red (72%)

Yellow (70%)

Blue (67%)

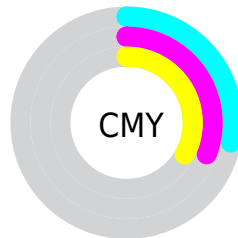


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2196, 0.3231, 0.3343 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 44.2196, 0.3231, 0.3343 by changing the saturation by 10% instead.


 44.2196, 0.3231,
0.3343

 44.2196, 0.3231,
0.3343

363.6037, 0.3179,
0.3317

 30.8432, 0.3244,
0.3350


 81.5481, 0.3212,
0.3333

 20.4795, 0.3262,
0.3358


106.2689, 0.3205,
0.3330

 12.7440, 0.3285,
0.3370


135.5401, 0.3199,
0.3327

 7.2525, 0.3317,
0.3386

169.7459, 0.3193,
0.3324

 3.6205, 0.3367,
0.3410

209.2707, 0.3189,
0.3322

 1.4636, 0.3453,
0.3450

254.4991, 0.3185,

 0.2629, 0.4731,

0.3320

0.4120

305.8152, 0.3182,
0.3318

0.0000, 0.0000,
0.0000

44.2196, 0.3231,
0.3343

44.2196, 0.3231,
0.3343

38.9683, 0.3414,
0.3429

50.0071, 0.3076,
0.3263

34.2321, 0.3629,
0.3519

56.3399, 0.2944,
0.3188

29.9967, 0.3879,
0.3610

63.2341, 0.2833,
0.3120

26.2450, 0.4166,
0.3697

70.7033, 0.2737,
0.3058

22.9588, 0.4488,
0.3773

78.1670, 0.2701,
0.3096

■ 20.1189, 0.4834,
0.3826

■ 85.5263, 0.2715,
0.3231

■ 17.7044, 0.5185,
0.3845

■ 88.9294, 0.2721,
0.3289

■ 15.6925, 0.5513,
0.3819

■ 14.0568, 0.5788,
0.3745

Harmonies

Analogous

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



44.2196, 0.3219, 0.3299



44.2196, 0.3231, 0.3343



44.2196, 0.3215, 0.3374

Triad

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



44.2196, 0.3231, 0.3343



44.2196, 0.3072, 0.3328



44.2196, 0.3079, 0.3200

Complementary

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



44.2196, 0.3231, 0.3343



44.8737, 0.3028, 0.3236

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.



44.2196, 0.3040, 0.3207



44.2196, 0.3231, 0.3343



44.2196, 0.3036, 0.3280

Square

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



44.2196, 0.3231, 0.3343



44.2196, 0.3122, 0.3365



44.2196, 0.3025, 0.3236



44.2196, 0.3132, 0.3217

Rectangle

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



44.2196, 0.3231, 0.3343



44.2196, 0.3190, 0.3382



44.2196, 0.3025, 0.3236



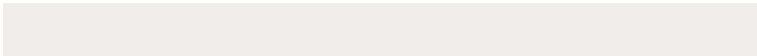
44.2196, 0.3064, 0.3200

Sweetspot

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



44.2215, 0.3231, 0.3343



84.7474, 0.3158, 0.3306



42.9940, 0.3168, 0.3185



18.2938, 0.3157, 0.3305



93.3107, 0.3127, 0.3290



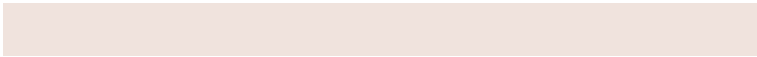
18.7317, 0.3127, 0.3290

Same Dimension

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



44.2215, 0.3231, 0.3343



78.5614, 0.3259, 0.3357



46.6224, 0.3224, 0.3421



9.4885, 0.3280, 0.3367



9.4673, 0.5854, 0.3734



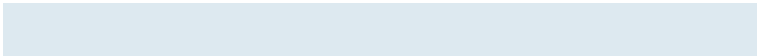
0.4506, 0.5344, 0.4139

Inverse Universe

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



44.8737, 0.3028, 0.3236



80.0221, 0.3003, 0.3222



42.5076, 0.3029, 0.3156



9.6924, 0.2985, 0.3212



12.2218, 0.1938, 0.2177



0.5396, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 44.2196, 0.3231, 0.3343 looks on a white background.

Color Contrast Check

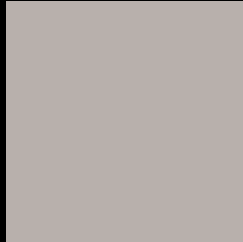
Large Text (above 18pt) WCAG AA × Fail

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 44.2196, 0.3231, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

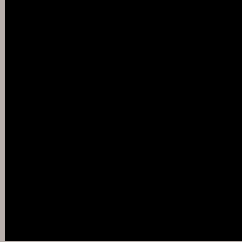
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

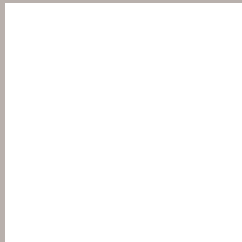
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2196, 0.3231, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 44.2196, 0.3231, 0.3343.



This preview shows how white text looks on a background with the Yxy color 44.2196, 0.3231, 0.3343.

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

44.2196, 0.3231, 0.3343

Protanopia

44.3679, 0.3212, 0.3357

Deuteranopia

44.2579, 0.3337, 0.3278



Tritanopia

44.2991, 0.3126, 0.3122

Trichromacy



Original Color

44.2196, 0.3231, 0.3343

Protanomaly

44.4901, 0.3221, 0.3356

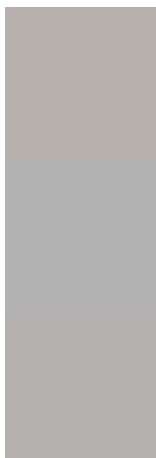
Deuteranomaly

44.1107, 0.3299, 0.3291

Tritanomaly

44.3516, 0.3158, 0.3199

Monochromacy



Original Color

44.2196, 0.3231, 0.3343

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2822, 0.3162, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2196, 0.3231, 0.3343 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, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 172)  
}
```

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, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.2196, 0.3231, 0.3343 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, 176, 172) }
```

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

```
.border{ border-color:rgb(184, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2196, 0.3231, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 172) }
```

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

```
.background{ background-color: rgb(184,  
176, 172) }
```

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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