

Converting Colors

Yxy(44.7145, 0.3265, 0.3428)

Have a look what the booklet for
Yxy(44.7145, 0.3265, 0.3428)
contains.

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Color

Yxy(44.8212, 0.3271, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	B8B2A7
RGB	184, 178, 167
RGB Percent	72%, 70%, 65%
CMY	0.2783, 0.3020, 0.3451
CMYK	0.00, 0.03, 0.09, 0.28
HSL	39°, 11%, 69%
HSV	39°, 9%, 72%
XYZ	42.6688, 44.8212, 42.9558
YIQ	178.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

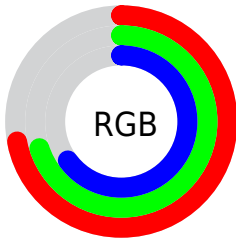
Format	Color
RYB	176, 184, 167
Decimal	12104359
CIELab	72.77, 0.20, 6.37
CIELCh	73, 6.377, 88.181
Yxy	44.8212, 0.3271, 0.3436
Android (android.graphics.Color)	4290294439 (0xFFB8B2A7)
YUV	178.5400, -5.6892, 4.7884
Hunter-Lab	66.9486, -3.3955, 8.8222

Details

The Yxy color **44.8212, 0.3271, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.5779, 0.2986, 0.3140**, and the grayscale version is **44.8531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6448, 0.3244, 0.3414**, and **20.7303, 0.3315, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **41.6544, 0.3442, 0.3601**, and if you desaturate by 10%, it is **48.2124, 0.3116, 0.3279**.

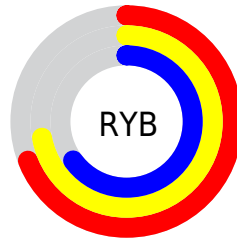
Distribution



Red (72%)

Green (70%)

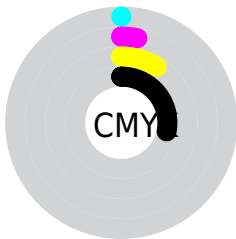
Blue (65%)



Red (69%)

Yellow (72%)

Blue (65%)

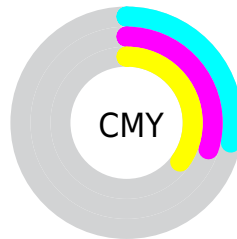


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (30%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8212, 0.3271, 0.3436 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 44.8212, 0.3271, 0.3436 by changing the saturation by 10% instead.

■ 44.8212, 0.3271,
0.3436

■ 44.8212, 0.3271,
0.3436

366.0489, 0.3199,
0.3363

■ 31.3166, 0.3289,
0.3454

■ 82.4520, 0.3245,
0.3409

■ 20.8401, 0.3313,
0.3478

■ 107.3471, 0.3235,
0.3399

■ 13.0071, 0.3344,
0.3510

136.8077, 0.3226,
0.3391

■ 7.4335, 0.3389,
0.3555

171.2184, 0.3219,
0.3383

■ 3.7346, 0.3456,
0.3623

210.9634, 0.3213,
0.3377

■ 1.5263, 0.3569,
0.3737

256.4273, 0.3208,

■ 0.3071, 0.4915,

0.3372

0.5085

307.9943, 0.3203,
0.3367

0.0000, 0.0000,
0.0000

44.8212, 0.3271,
0.3436

44.8212, 0.3271,
0.3436

41.6544, 0.3442,
0.3601

48.2124, 0.3116,
0.3279

38.7003, 0.3630,
0.3770

51.8277, 0.2978,
0.3131

35.9548, 0.3832,
0.3938

55.6741, 0.2855,
0.2994

33.4115, 0.4044,
0.4097

59.7569, 0.2745,
0.2867

31.0633, 0.4261,
0.4238

63.8198, 0.2670,
0.2792

■ 28.9027, 0.4472,
0.4350

■ 67.1216, 0.2678,
0.2868

■ 26.9213, 0.4668,
0.4421

■ 70.5566, 0.2686,
0.2942

■ 25.1096, 0.4838,
0.4444

■ 74.1262, 0.2693,
0.3016

■ 23.4514, 0.4980,
0.4422

■ 77.8318, 0.2701,
0.3090

Harmonies

Analogous

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



44.8212, 0.3304, 0.3386



44.8212, 0.3271, 0.3436



44.8212, 0.3199, 0.3447

Triad

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



44.8212, 0.3271, 0.3436



44.8212, 0.2968, 0.3264



44.8212, 0.3144, 0.3171

Complementary

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



44.8212, 0.3271, 0.3436



41.5779, 0.2986, 0.3140

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.



44.8212, 0.3054, 0.3138



44.8212, 0.3271, 0.3436



44.8212, 0.2953, 0.3191

Square

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



44.8212, 0.3271, 0.3436



44.8212, 0.3024, 0.3346



44.8212, 0.2985, 0.3145



44.8212, 0.3230, 0.3234

Rectangle

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



44.8212, 0.3271, 0.3436



44.8212, 0.3139, 0.3429



44.8212, 0.2985, 0.3145



44.8212, 0.3113, 0.3156

Sweetspot

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



44.8232, 0.3271, 0.3436



84.9830, 0.3173, 0.3337



40.8554, 0.3231, 0.3207



18.2136, 0.3185, 0.3350



93.3107, 0.3127, 0.3290



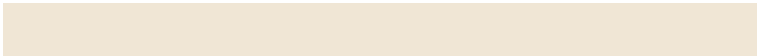
18.7317, 0.3127, 0.3290

Same Dimension

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



44.8232, 0.3271, 0.3436



80.0818, 0.3303, 0.3467



47.0043, 0.3243, 0.3516



9.9528, 0.3272, 0.3437



16.2111, 0.4978, 0.4430



0.6835, 0.4728, 0.4628

Inverse Universe

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



41.5779, 0.2986, 0.3140



73.0762, 0.2955, 0.3106



39.5600, 0.3005, 0.3057



9.2267, 0.2985, 0.3138



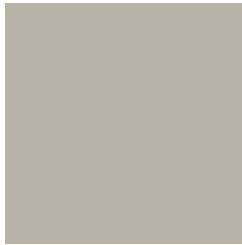
5.1333, 0.1655, 0.1158



0.3000, 0.1807, 0.1704

Previews

White Background



This preview shows how the Yxy color 44.8212, 0.3271, 0.3436 looks on a white background.

Color Contrast Check

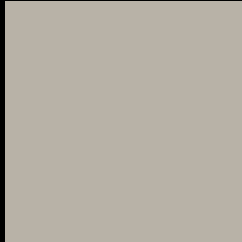
Large Text (above 18pt) WCAG AA × Fail

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 44.8212, 0.3271, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

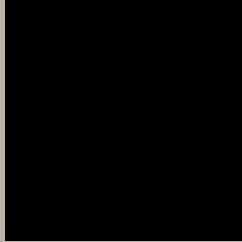
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

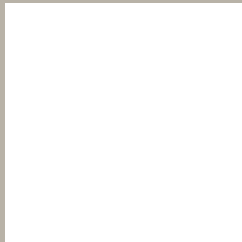
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8212, 0.3271, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 44.8212, 0.3271, 0.3436.

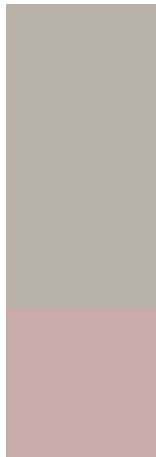


This preview shows how white text looks on a background with the Yxy color 44.8212, 0.3271, 0.3436.

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

44.8212, 0.3271, 0.3436

Protanopia

44.8212, 0.3271, 0.3436

Deuteranopia

44.6116, 0.3419, 0.3342



Tritanopia

44.8989, 0.3118, 0.3111

Trichromacy



Original Color

44.8212, 0.3271, 0.3436

Protanomaly

44.8212, 0.3271, 0.3436

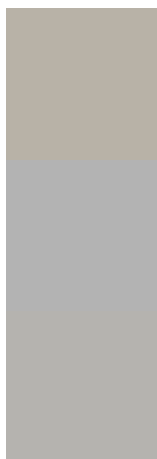
Deuteranomaly

44.5686, 0.3359, 0.3368

Tritanomaly

44.8260, 0.3174, 0.3225

Monochromacy



Original Color

44.8212, 0.3271, 0.3436

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1591, 0.3177, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8212, 0.3271, 0.3436 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, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(184, 178, 167)  
}
```

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, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 178, 167) }
```

Border

The CSS property to change the border of an element to Yxy 44.8212, 0.3271, 0.3436 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, 178, 167) }
```

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

```
.border{ border-color:rgb(184, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(184, 178,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8212, 0.3271, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 178, 167) }
```

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

```
.background{ background-color: rgb(184,  
178, 167) }
```

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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