

Converting Colors

$Y_{xy}(14.3282, 0.4876, 0.3418)$

Have a look what the booklet for
Yxy(14.3282, 0.4876, 0.3418)
contains.

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Color

Yxy(14.3830, 0.4874, 0.3421)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AB4D44 |
| RGB | 171, 77, 68 |
| RGB Percent | 67%, 30%, 27% |
| CMY | 0.3294, 0.6980, 0.7332 |
| CMYK | 0.00, 0.55, 0.60, 0.33 |
| HSL | 5°, 43%, 47% |
| HSV | 5°, 60%, 67% |
| XYZ | 20.4919, 14.3830, 7.1684 |
| YIQ | 104.0800, 58.9130, 17.1290 |

Conversions

Conversions Part 2

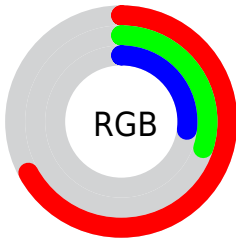
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 78, 68 |
| Decimal | 11226436 |
| CIELab | 44.78, 37.84, 24.03 |
| CIElCh | 45, 44.828, 32.416 |
| Yxy | 14.3830, 0.4874, 0.3421 |
| Android (android.graphics.Color) | 4289416516 (0xFFAB4D44) |
| YUV | 104.0800, -17.7874, 58.6888 |
| Hunter-Lab | 37.9249, 30.0799, 15.3408 |

Details

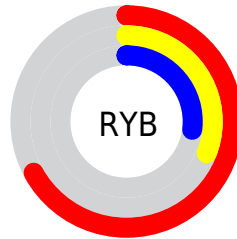
The Yxy color **14.3830, 0.4874, 0.3421** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **30.0150, 0.2365, 0.3133**, and the grayscale version is **13.9038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7845, 0.4445, 0.3442**, and **4.3197, 0.5640, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **12.2761, 0.5323, 0.3425**, and if you desaturate by 10%, it is **17.0764, 0.4452, 0.3406**.

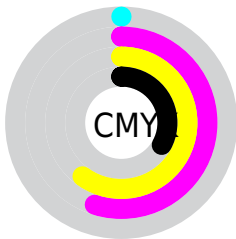
Distribution



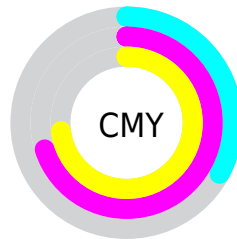
- Red (67%)
- Green (30%)
- Blue (27%)



- Red (67%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (33%)





- Cyan (33%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3830, 0.4874, 0.3421 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 14.3830, 0.4874, 0.3421 by changing the saturation by 10% instead.


 14.3830, 0.4874,
0.3421


 14.3830, 0.4874,
0.3421


219.6006, 0.3831,
0.3401


 8.3875, 0.5200,
0.3390


 33.7671, 0.4448,
0.3434


 4.3439, 0.5656,
0.3315

 47.9245, 0.4302,
0.3432


 1.8677, 0.6569,
0.3255

 65.5713, 0.4185,
0.3427

 0.5289, 0.7483,
0.2517

 87.0919, 0.4089,
0.3422

 0.0000, 1.0000,
0.0000

 112.8708, 0.4008,
0.3417

 0.0000, 0.0000,
0.0000

143.2923, 0.3940,

0.3411

178.7408, 0.3882,
0.3406

■ 14.3830, 0.4874,
0.3421

■ 14.3830, 0.4874,
0.3421

■ 12.2761, 0.5323,
0.3425

■ 17.0764, 0.4452,
0.3406

■ 10.7097, 0.5753,
0.3414

■ 20.3932, 0.4081,
0.3385

■ 9.6350, 0.6100,
0.3385

■ 24.3698, 0.3769,
0.3361

■ 8.9969, 0.6329,
0.3357

■ 29.0392, 0.3511,
0.3336

■ 34.4324, 0.3301,
0.3312

■ 40.5782, 0.3131,
0.3290

■ 47.5040, 0.2992,
0.3270

■ 55.2359, 0.2878,
0.3252

■ 63.7987, 0.2785,
0.3236

Harmonies

Analogous

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



14.3830, 0.4290, 0.2811



14.3830, 0.4874, 0.3421



14.3830, 0.4866, 0.4073

Triad

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



14.3830, 0.4874, 0.3421



14.3830, 0.2709, 0.4669



14.3830, 0.1890, 0.1946

Complementary

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



14.3830, 0.4874, 0.3421



30.0150, 0.2365, 0.3133

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.



14.3830, 0.1614, 0.2175



14.3830, 0.4874, 0.3421



14.3830, 0.2013, 0.3717

Square

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



14.3830, 0.4874, 0.3421



14.3830, 0.3568, 0.5010



14.3830, 0.1645, 0.2764



14.3830, 0.2482, 0.2007

Rectangle

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



14.3830, 0.4874, 0.3421



14.3830, 0.4569, 0.4496



14.3830, 0.1645, 0.2764



14.3830, 0.1764, 0.1987

Sweetspot

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



14.3838, 0.4874, 0.3421



53.7458, 0.3468, 0.3331



15.4179, 0.3308, 0.2006



11.4112, 0.3533, 0.3338



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.



14.3838, 0.4874, 0.3421



21.0313, 0.5459, 0.3423



24.5372, 0.4336, 0.4161



8.1235, 0.3284, 0.3310



6.8179, 0.6319, 0.3364



0.2250, 0.6005, 0.3614

Inverse Universe

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



30.0150, 0.2365, 0.3133



51.3637, 0.2271, 0.3094



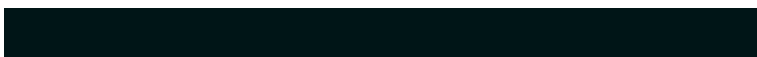
15.5231, 0.2151, 0.2167



8.9508, 0.2986, 0.3270



20.2001, 0.2172, 0.3019



0.5961, 0.2197, 0.3107

Previews

White Background



This preview shows how the Yxy color 14.3830, 0.4874, 0.3421 looks on a white background.

Color Contrast Check

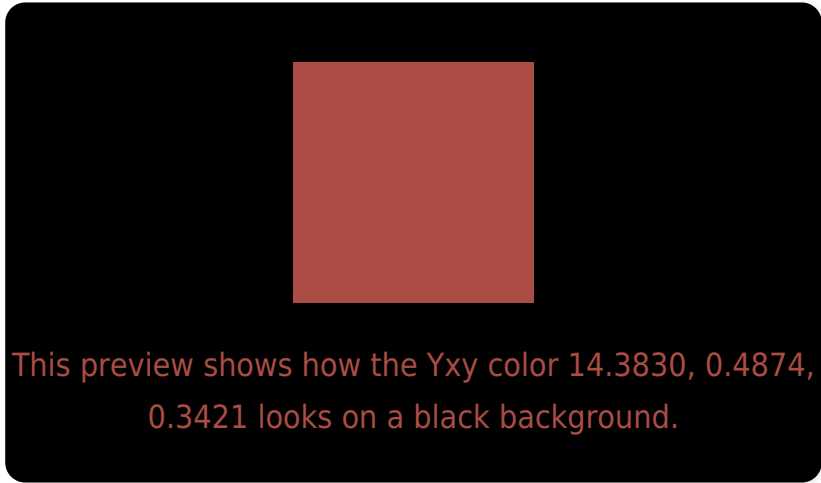
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3830, 0.4874, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 14.3830, 0.4874, 0.3421.



This preview shows how white text looks on a background with the Yxy color 14.3830, 0.4874, 0.3421.

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

14.3830, 0.4874, 0.3421

Protanopia

14.4647, 0.3594, 0.3839

Deuteranopia

14.5400, 0.4075, 0.4022



Tritanopia

14.3820, 0.4701, 0.3223

Trichromacy



Original Color

14.3830, 0.4874, 0.3421

Protanomaly

13.8571, 0.4055, 0.3652

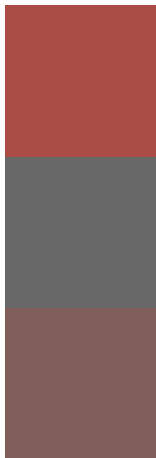
Deuteranomaly

14.1396, 0.4380, 0.3783

Tritanomaly

14.4613, 0.4762, 0.3295

Monochromacy



Original Color

14.3830, 0.4874, 0.3421

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.3499, 0.3713, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3830, 0.4874, 0.3421 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, 77, 68)` looks like.

```
.text, #text, p{  
    color:rgb(171, 77, 68)  
}
```

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, 77, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 77, 68) }
```

Border

The CSS property to change the border of an element to Yxy 14.3830, 0.4874, 0.3421 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, 77, 68) }
```

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

```
.border{ border-color:rgb(171, 77, 68) }
```

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

Here you see how a box with a 4 pixel rgb(171, 77, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 77, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 77, 68);  
box-shadow:4px 4px 4px 4px rgb(171, 77,  
68) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3830, 0.4874, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 77, 68) }
```

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

```
.background{ background-color: rgb(171, 77,  
68) }
```

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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