

Converting Colors

$Y_{xy}(11.3478, 0.4320, 0.3417)$

Have a look what the booklet for
Yxy(11.3478, 0.4320, 0.3417)
contains.

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Color

Yxy(11.3199, 0.4323, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	8A4E48
RGB	138, 78, 72
RGB Percent	54%, 31%, 28%
CMY	0.4588, 0.6941, 0.7176
CMYK	0.00, 0.43, 0.48, 0.46
HSL	5°, 31%, 41%
HSV	5°, 48%, 54%
XYZ	14.3760, 11.3199, 7.5588
YIQ	95.2560, 37.6860, 10.8540

Conversions

Conversions Part 2

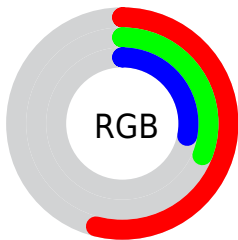
Format	Color
R_{YB}	138, 79, 72
Decimal	9064008
CIE _{Lab}	40.11, 24.53, 14.55
CIE _{LCh}	40, 28.521, 30.675
Yxy	11.3199, 0.4323, 0.3404
Android (android.graphics.Color)	4287254088 (0xFF8A4E48)
YUV	95.2560, -11.4652, 37.4865
Hunter-Lab	33.6451, 17.3914, 10.2313

Details

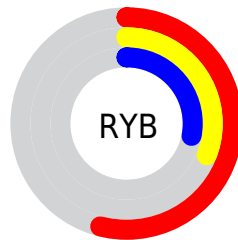
The Yxy color **11.3199, 0.4323, 0.3404** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7179, 0.2491, 0.3167**, and the grayscale version is **11.5299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2637, 0.4015, 0.3402**, and **3.0530, 0.4954, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **9.5442, 0.4721, 0.3422**, and if you desaturate by 10%, it is **13.4774, 0.3978, 0.3381**.

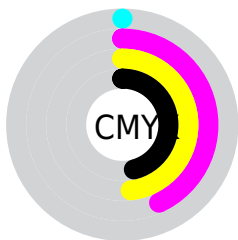
Distribution



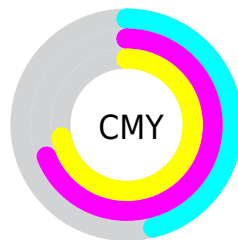
- Red (54%)
- Green (31%)
- Blue (28%)



- Red (54%)
- Yellow (31%)
- Blue (28%)



- Cyan (0%)
- Magenta (43%)
- Yellow (48%)
- Black (46%)





- Cyan (46%)
- Magenta (69%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3199, 0.4323, 0.3404 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 11.3199, 0.4323, 0.3404 by changing the saturation by 10% instead.


 11.3199, 0.4323,
0.3404


 11.3199, 0.4323,
0.3404


199.8493, 0.3581,
0.3359


 6.2824, 0.4582,
0.3400


 28.2502, 0.4006,
0.3395


 3.0176, 0.4974,
0.3373

 40.9119, 0.3903,
0.3389

 1.1409, 0.5933,
0.3455

 56.8837, 0.3821,
0.3383

 0.0126, 0.9797,
0.0203

 76.5501, 0.3755,
0.3377

 0.0000, 0.0000,
0.0000

 100.2954, 0.3700,
0.3372

128.5042, 0.3654,

0.3367

161.5607, 0.3615,
0.3363

■ 11.3199, 0.4323,
0.3404

■ 11.3199, 0.4323,
0.3404

■ 9.5442, 0.4721,
0.3422

■ 13.4774, 0.3978,
0.3381

■ 8.1263, 0.5156,
0.3431

■ 16.0354, 0.3688,
0.3356

■ 7.0425, 0.5591,
0.3425


■ 19.0132, 0.3450,
0.3331

■ 6.2652, 0.5971,
0.3403


■ 22.4286, 0.3254,
0.3307

■ 5.7595, 0.6253,
0.3374


■ 26.2984, 0.3095,
0.3285

 5.6799, 0.6308,
0.3374

 30.6383, 0.2965,
0.3265

 35.4633, 0.2858,
0.3247

 40.7879, 0.2769,
0.3231

 46.6258, 0.2695,
0.3216

Harmonies

Analogous

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



11.3199, 0.3899, 0.2937



11.3199, 0.4323, 0.3404



11.3199, 0.4374, 0.3889

Triad

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



11.3199, 0.4323, 0.3404



11.3199, 0.2898, 0.4222



11.3199, 0.2210, 0.2316

Complementary

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



11.3199, 0.4323, 0.3404



19.7179, 0.2491, 0.3167

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.



11.3199, 0.2009, 0.2527



11.3199, 0.4323, 0.3404



11.3199, 0.2370, 0.3633

Square

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



11.3199, 0.4323, 0.3404



11.3199, 0.3520, 0.4460



11.3199, 0.2060, 0.2987



11.3199, 0.2648, 0.2338

Rectangle

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



11.3199, 0.4323, 0.3404



11.3199, 0.4202, 0.4177



11.3199, 0.2060, 0.2987



11.3199, 0.2116, 0.2359

Sweetspot

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



11.3205, 0.4323, 0.3404



35.5443, 0.3376, 0.3323



11.7188, 0.3263, 0.2249



7.7259, 0.3415, 0.3327



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.3205, 0.4323, 0.3404



16.7119, 0.4738, 0.3423



17.1327, 0.4025, 0.3990



5.1170, 0.3278, 0.3310



5.2181, 0.6304, 0.3377



0.0430, 0.5911, 0.3688

Inverse Universe

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



19.7179, 0.2491, 0.3167



33.2736, 0.2390, 0.3136



12.2326, 0.2364, 0.2457



5.6123, 0.2991, 0.3270



15.2488, 0.2170, 0.3011



0.1118, 0.2211, 0.3159

Previews

White Background



This preview shows how the Yxy color 11.3199, 0.4323, 0.3404 looks on a white background.

Color Contrast Check

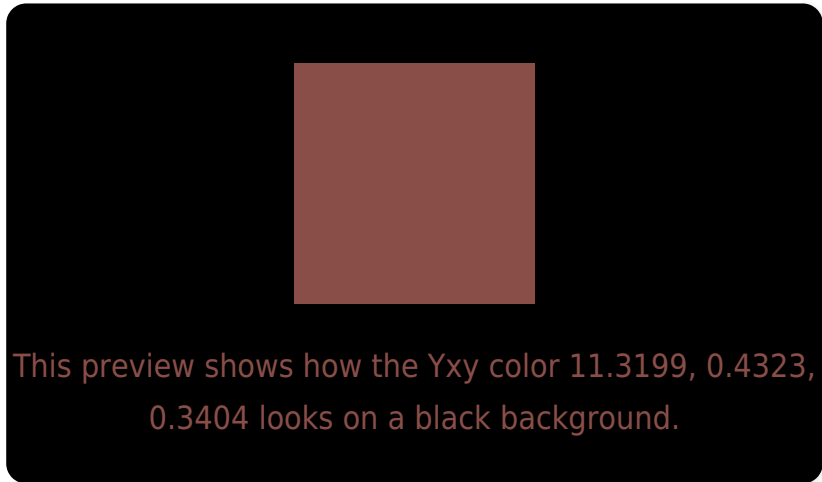
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3199, 0.4323, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 11.3199, 0.4323, 0.3404.

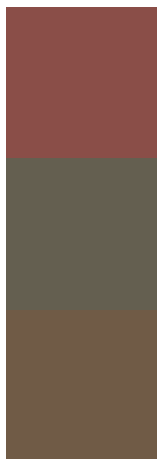


This preview shows how white text looks on a background with the Yxy color 11.3199, 0.4323, 0.3404.

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

11.3199, 0.4323, 0.3404

Protanopia

11.4729, 0.3427, 0.3642

Deuteranopia

11.3691, 0.3807, 0.3755



Tritanopia

11.4059, 0.4160, 0.3201

Trichromacy



Original Color

11.3199, 0.4323, 0.3404

Protanomaly

11.2580, 0.3741, 0.3554

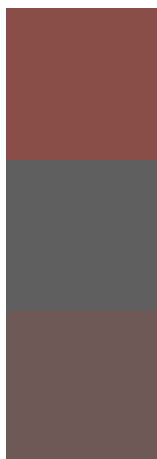
Deuteranomaly

11.1755, 0.3985, 0.3606

Tritanomaly

11.3468, 0.4236, 0.3275

Monochromacy



Original Color

11.3199, 0.4323, 0.3404

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2124, 0.3524, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3199, 0.4323, 0.3404 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(138, 78, 72)` looks like.

```
.text, #text, p{  
    color:rgb(138, 78, 72)  
}
```

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(138, 78, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 78, 72) }
```

Border

The CSS property to change the border of an element to Yxy 11.3199, 0.4323, 0.3404 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(138, 78, 72) }
```

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

```
.border{ border-color:rgb(138, 78, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 78, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 78, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 78, 72);  
box-shadow:4px 4px 4px 4px rgb(138, 78,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3199, 0.4323, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 78, 72) }
```

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

```
.background{ background-color: rgb(138, 78,  
72) }
```

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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