

Converting Colors

$Y_{xy}(13.7885, 0.3889, 0.3326)$

Have a look what the booklet for
Yxy(13.7885, 0.3889, 0.3326)
contains.

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Color

Yxy(13.7958, 0.3899, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	8A5C5A
RGB	138, 92, 90
RGB Percent	54%, 36%, 35%
CMY	0.4588, 0.6392, 0.6471
CMYK	0.00, 0.33, 0.35, 0.46
HSL	3°, 21%, 45%
HSV	3°, 35%, 54%
XYZ	16.1531, 13.7958, 11.4799
YIQ	105.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

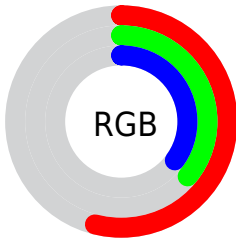
Format	Color
R_{YB}	138, 92, 90
Decimal	9067610
CIE _{Lab}	43.94, 18.60, 8.86
CIE _{LCh}	44, 20.601, 25.469
Yxy	13.7958, 0.3899, 0.3330
Android (android.graphics.Color)	4287257690 (0xFF8A5C5A)
YUV	105.5260, -7.6543, 28.4797
Hunter-Lab	37.1427, 12.6287, 7.6748

Details

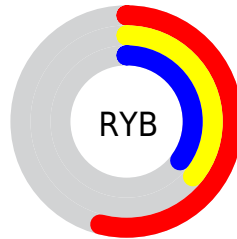
The Yxy color **13.7958, 0.3899, 0.3330** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6086, 0.2647, 0.3249**, and the grayscale version is **14.2925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.8758, 0.3705, 0.3332**, and **4.0371, 0.4304, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **11.4890, 0.4238, 0.3342**, and if you desaturate by 10%, it is **16.5471, 0.3618, 0.3318**.

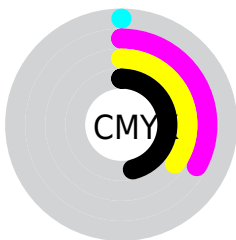
Distribution



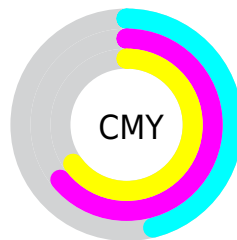
- Red (54%)
- Green (36%)
- Blue (35%)



- Red (54%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (33%)
- Yellow (35%)
- Black (46%)





- Cyan (46%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.7958, 0.3899, 0.3330 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 13.7958, 0.3899, 0.3330 by changing the saturation by 10% instead.


 13.7958, 0.3899,
0.3330


 13.7958, 0.3899,
0.3330


215.9568, 0.3432,
0.3316


 7.9788, 0.4056,
0.3328


 32.7263, 0.3703,
0.3328

 4.0814, 0.4291,
0.3319

 46.6085, 0.3638,
0.3326


 1.7192, 0.4679,
0.3287

 63.9479, 0.3587,
0.3324

 0.4360, 0.6658,
0.3342

 85.1289, 0.3544,
0.3322

 0.0000, 0.0000,
0.0000

 110.5359, 0.3509,
0.3321

140.5533, 0.3479,

0.3319

175.5655, 0.3454,
0.3317

■ 13.7958, 0.3899,
0.3330

■ 13.7958, 0.3899,
0.3330

■ 11.4890, 0.4238,
0.3342

■ 16.5471, 0.3618,
0.3318

■ 9.6017, 0.4637,
0.3351

■ 19.7625, 0.3389,
0.3306

■ 8.1090, 0.5079,
0.3357


■ 23.4627, 0.3203,
0.3295

■ 6.9832, 0.5532,
0.3356


■ 27.6666, 0.3053,
0.3285

■ 6.1924, 0.5937,
0.3347

■ 32.3921, 0.2931,
0.3276


 5.6992, 0.6233,
0.3332

 37.6562, 0.2831,
0.3267

 5.5296, 0.6358,
0.3334

 43.4753, 0.2749,
0.3260

 49.8647, 0.2680,
0.3253

 56.8396, 0.2624,
0.3247

Harmonies

Analogous

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



13.7958, 0.3583, 0.2997



13.7958, 0.3899, 0.3330



13.7958, 0.3989, 0.3675

Triad

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



13.7958, 0.3899, 0.3330



13.7958, 0.3058, 0.3945



13.7958, 0.2449, 0.2626

Complementary

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



13.7958, 0.3899, 0.3330



21.6086, 0.2647, 0.3249

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.



13.7958, 0.2333, 0.2820



13.7958, 0.3899, 0.3330



13.7958, 0.2667, 0.3598

Square

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



13.7958, 0.3899, 0.3330



13.7958, 0.3485, 0.4071



13.7958, 0.2409, 0.3171



13.7958, 0.2738, 0.2604

Rectangle

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



13.7958, 0.3899, 0.3330



13.7958, 0.3908, 0.3875



13.7958, 0.2409, 0.3171



13.7958, 0.2390, 0.2672

Sweetspot

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



13.7965, 0.3899, 0.3330



37.7159, 0.3299, 0.3301



14.5013, 0.3188, 0.2484



8.2848, 0.3322, 0.3302



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.



13.7965, 0.3899, 0.3330



20.9655, 0.4169, 0.3340



18.5377, 0.3755, 0.3758



5.0802, 0.3279, 0.3300



5.0755, 0.6356, 0.3336



0.0376, 0.6155, 0.3495

Inverse Universe

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



21.6086, 0.2647, 0.3249



36.9411, 0.2555, 0.3239



15.6821, 0.2585, 0.2770



5.6531, 0.2991, 0.3280



16.8630, 0.2212, 0.3162



0.1172, 0.2230, 0.3229

Previews

White Background



This preview shows how the Yxy color 13.7958, 0.3899, 0.3330 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



This preview shows how the Yxy color 13.7958, 0.3899, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

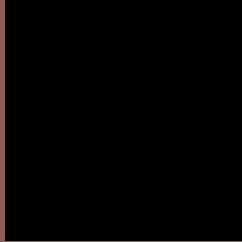
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.7958, 0.3899, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 13.7958, 0.3899, 0.3330.



This preview shows how white text looks on a background with the Yxy color 13.7958, 0.3899, 0.3330.

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

13.7958, 0.3899, 0.3330

Protanopia

13.9333, 0.3292, 0.3463

Deuteranopia

13.8120, 0.3603, 0.3538



Tritanopia

13.8530, 0.3788, 0.3163

Trichromacy



Original Color

13.7958, 0.3899, 0.3330

Protanomaly

13.8444, 0.3499, 0.3415

Deuteranomaly

13.7827, 0.3713, 0.3451

Tritanomaly

13.7974, 0.3838, 0.3218

Monochromacy



Original Color

13.7958, 0.3899, 0.3330

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.0790, 0.3393, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.7958, 0.3899, 0.3330 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, 92, 90)` looks like.

```
.text, #text, p{  
    color:rgb(138, 92, 90)  
}
```

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, 92, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 92, 90) }
```

Border

The CSS property to change the border of an element to Yxy 13.7958, 0.3899, 0.3330 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, 92, 90) }
```

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

```
.border{ border-color:rgb(138, 92, 90) }
```

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

Here you see how a box with a 4 pixel rgb(138, 92, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 92, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 92, 90);  
box-shadow:4px 4px 4px 4px rgb(138, 92,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 13.7958, 0.3899, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 92, 90) }
```

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

```
.background{ background-color: rgb(138, 92,  
90) }
```

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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