

Converting Colors

$Y_{xy}(12.5260, 0.4299, 0.3420)$

Have a look what the booklet for
Yxy(12.5260, 0.4299, 0.3420)
contains.

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Color

Yxy(12.5480, 0.4284, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	8F534C
RGB	143, 83, 76
RGB Percent	56%, 33%, 30%
CMY	0.4393, 0.6744, 0.7020
CMYK	0.00, 0.42, 0.47, 0.44
HSL	6°, 31%, 43%
HSV	6°, 47%, 56%
XYZ	15.7226, 12.5480, 8.4302
YIQ	100.1420, 38.0070, 10.5430

Conversions

Conversions Part 2

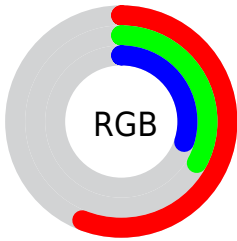
Format	Color
R _Y B	143, 84, 76
Decimal	9392972
CIE Lab	42.07, 24.15, 14.89
CIE LCh	42, 28.371, 31.646
Yxy	12.5480, 0.4284, 0.3419
Android (android.graphics.Color)	4287583052 (0xFF8F534C)
YUV	100.1420, -11.9020, 37.5865
Hunter-Lab	35.4232, 17.2370, 10.6861

Details

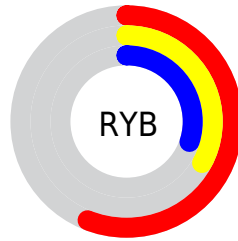
The Yxy color **12.5480, 0.4284, 0.3419** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1155, 0.2497, 0.3151**, and the grayscale version is **12.8065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.3978, 0.3985, 0.3399**, and **3.5397, 0.4898, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **10.5899, 0.4675, 0.3441**, and if you desaturate by 10%, it is **14.9132, 0.3946, 0.3392**.

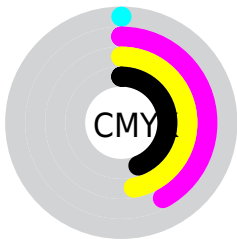
Distribution



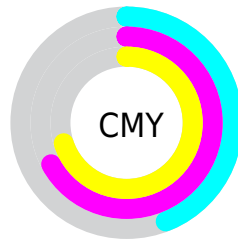
- Red (56%)
- Green (33%)
- Blue (30%)



- Red (56%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (42%)
- Yellow (47%)
- Black (44%)





- Cyan (44%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.5480, 0.4284, 0.3419 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 12.5480, 0.4284, 0.3419 by changing the saturation by 10% instead.


 12.5480, 0.4284,
0.3419


 12.5480, 0.4284,
0.3419


208.0002, 0.3575,
0.3365


 7.1180, 0.4524,
0.3420


 30.4893, 0.3985,
0.3406

 3.5360, 0.4883,
0.3403

 43.7695, 0.3887,
0.3398

 1.4176, 0.5594,
0.3409

 60.4352, 0.3808,
0.3391

 0.2296, 0.7787,
0.2213

 80.8707, 0.3744,
0.3385

 0.0000, 0.0000,
0.0000

 105.4607, 0.3691,
0.3379

134.5893, 0.3646,

0.3374

168.6410, 0.3608,
0.3369

■ 12.5480, 0.4284,
0.3419

■ 12.5480, 0.4284,
0.3419

■ 10.5899, 0.4675,
0.3441

■ 14.9132, 0.3946,
0.3392

■ 9.0140, 0.5104,
0.3452

■ 17.7048, 0.3663,
0.3363

■ 7.7959, 0.5539,
0.3448


■ 20.9429, 0.3429,
0.3335


■ 6.9074, 0.5925,
0.3425

■ 24.6460, 0.3238,
0.3307


■ 6.3140, 0.6216,
0.3389


■ 28.8314, 0.3081,
0.3282

 6.1789, 0.6295,
0.3384

 33.5156, 0.2953,
0.3259

 38.7143, 0.2847,
0.3238

 44.4426, 0.2760,
0.3220

 50.7147, 0.2687,
0.3202

Harmonies

Analogous

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



12.5480, 0.3887, 0.2964



12.5480, 0.4284, 0.3419



12.5480, 0.4323, 0.3887

Triad

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



12.5480, 0.4284, 0.3419



12.5480, 0.2890, 0.4168



12.5480, 0.2253, 0.2347

Complementary

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



12.5480, 0.4284, 0.3419



21.1155, 0.2497, 0.3151

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.



12.5480, 0.2049, 0.2546



12.5480, 0.4284, 0.3419



12.5480, 0.2385, 0.3599

Square

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



12.5480, 0.4284, 0.3419



12.5480, 0.3489, 0.4412



12.5480, 0.2092, 0.2984



12.5480, 0.2683, 0.2374

Rectangle

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



12.5480, 0.4284, 0.3419



12.5480, 0.4152, 0.4160



12.5480, 0.2092, 0.2984



12.5480, 0.2158, 0.2387

Sweetspot

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



12.5486, 0.4284, 0.3419



39.1297, 0.3376, 0.3328



12.7918, 0.3277, 0.2282



8.6888, 0.3416, 0.3333



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



12.5486, 0.4284, 0.3419



18.8648, 0.4689, 0.3441



18.8932, 0.3997, 0.3996



5.5094, 0.3279, 0.3314



5.4819, 0.6289, 0.3388



0.0668, 0.5848, 0.3738

Inverse Universe

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



21.1155, 0.2497, 0.3151



36.0886, 0.2393, 0.3115



13.1776, 0.2373, 0.2450



6.0211, 0.2990, 0.3266



15.4247, 0.2157, 0.2966



0.1654, 0.2205, 0.3138

Previews

White Background



This preview shows how the Yxy color 12.5480, 0.4284, 0.3419 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 12.5480, 0.4284, 0.3419 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 12.5480, 0.4284, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 12.5480, 0.4284, 0.3419.

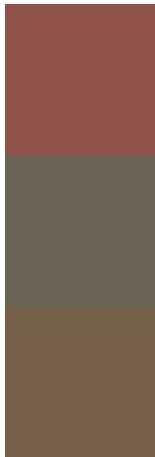


This preview shows how white text looks on a background with the Yxy color 12.5480, 0.4284, 0.3419.

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

12.5480, 0.4284, 0.3419

Protanopia

12.7577, 0.3428, 0.3649

Deuteranopia

12.7117, 0.3807, 0.3755



Tritanopia

12.5023, 0.4119, 0.3186

Trichromacy



Original Color

12.5480, 0.4284, 0.3419

Protanomaly

12.5214, 0.3728, 0.3564

Deuteranomaly

12.5022, 0.3977, 0.3612

Tritanomaly

12.5884, 0.4184, 0.3275

Monochromacy



Original Color

12.5480, 0.4284, 0.3419

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.4737, 0.3521, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.5480, 0.4284, 0.3419 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(143, 83, 76)` looks like.

```
.text, #text, p{  
    color:rgb(143, 83, 76)  
}
```

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(143, 83, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 83, 76) }
```

Border

The CSS property to change the border of an element to Yxy 12.5480, 0.4284, 0.3419 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(143, 83, 76) }
```

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

```
.border{ border-color:rgb(143, 83, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 83, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 83, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 83, 76);  
box-shadow:4px 4px 4px 4px rgb(143, 83,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 12.5480, 0.4284, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 83, 76) }
```

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

```
.background{ background-color: rgb(143, 83,  
76) }
```

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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