

Converting Colors

$Y_{xy}(12.3946, 0.4129, 0.3267)$

Have a look what the booklet for
Yxy(12.3946, 0.4129, 0.3267)
contains.

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Color

Yxy(12.3374, 0.4118, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	8D5254
RGB	141, 82, 84
RGB Percent	55%, 32%, 33%
CMY	0.4470, 0.6784, 0.6705
CMYK	0.00, 0.42, 0.40, 0.45
HSL	358°, 26%, 44%
HSV	358°, 42%, 55%
XYZ	15.6036, 12.3374, 9.9502
YIQ	99.8690, 34.5220, 13.1300

Conversions

Conversions Part 2

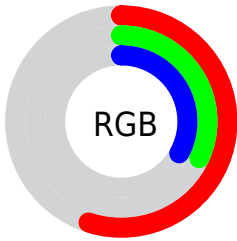
Format	Color
RYB	141, 82, 84
Decimal	9261652
CIELab	41.75, 24.87, 9.48
CIELCh	42, 26.612, 20.866
Yxy	12.3374, 0.4118, 0.3256
Android (android.graphics.Color)	4287451732 (0xFF8D5254)
YUV	99.8690, -7.8234, 36.0719
Hunter-Lab	35.1246, 17.8280, 7.7913

Details

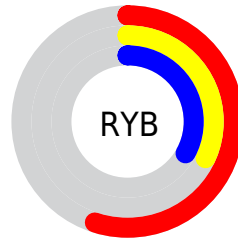
The Yxy color **12.3374, 0.4118, 0.3256** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7095, 0.2588, 0.3328**, and the grayscale version is **12.7231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.0663, 0.3873, 0.3279**, and **3.4233, 0.4651, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **10.2325, 0.4499, 0.3250**, and if you desaturate by 10%, it is **14.9221, 0.3798, 0.3264**.

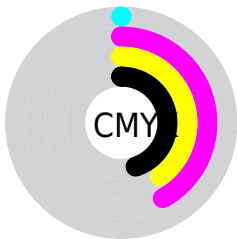
Distribution



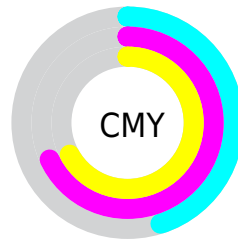
- Red (55%)
- Green (32%)
- Blue (33%)



- Red (55%)
- Yellow (32%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (40%)
- Black (45%)




- Cyan (45%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.3374, 0.4118, 0.3256 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 12.3374, 0.4118, 0.3256 by changing the saturation by 10% instead.


 12.3374, 0.4118,
0.3256


 12.3374, 0.4118,
0.3256


206.6263, 0.3510,
0.3292


 6.9739, 0.4327,
0.3233


 30.1081, 0.3860,
0.3277


 3.4458, 0.4645,
0.3190

 43.2842, 0.3776,
0.3282


 1.3687, 0.5193,
0.3100

 59.8331, 0.3708,
0.3285

 0.1934, 0.8035,
0.1965

 80.1395, 0.3654,
0.3287

 0.0000, 0.0000,
0.0000

 104.5876, 0.3608,
0.3289

133.5618, 0.3570,

0.3290

167.4466, 0.3538,
0.3291

■ 12.3374, 0.4118,
0.3256

■ 12.3374, 0.4118,
0.3256

■ 10.2325, 0.4499,
0.3250

■ 14.9221, 0.3798,
0.3264

■ 8.5760, 0.4932,
0.3247

■ 18.0116, 0.3537,
0.3272

■ 7.3362, 0.5390,
0.3248


■ 21.6314, 0.3325,
0.3281

■ 6.4758, 0.5820,
0.3256

■ 25.8048, 0.3155,
0.3289

■ 5.9515, 0.6156,
0.3270


■ 30.5535, 0.3017,
0.3296

 5.6740, 0.6351,
0.3272

 35.8984, 0.2906,
0.3303

 41.8591, 0.2816,
0.3309

 48.4543, 0.2741,
0.3314

 55.7020, 0.2680,
0.3319

Harmonies

Analogous

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



12.3374, 0.3651, 0.2843



12.3374, 0.4118, 0.3256



12.3374, 0.4285, 0.3706

Triad

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



12.3374, 0.4118, 0.3256



12.3374, 0.3108, 0.4240



12.3374, 0.2202, 0.2438

Complementary

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



12.3374, 0.4118, 0.3256



22.7095, 0.2588, 0.3328

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.



12.3374, 0.2090, 0.2712



12.3374, 0.4118, 0.3256



12.3374, 0.2580, 0.3793

Square

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



12.3374, 0.4118, 0.3256



12.3374, 0.3669, 0.4337



12.3374, 0.2219, 0.3202



12.3374, 0.2538, 0.2387

Rectangle

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



12.3374, 0.4118, 0.3256



12.3374, 0.4201, 0.3986



12.3374, 0.2219, 0.3202



12.3374, 0.2138, 0.2504

Sweetspot

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



12.3380, 0.4118, 0.3256



37.7472, 0.3353, 0.3280



13.3657, 0.3131, 0.2285



8.1330, 0.3392, 0.3278



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



12.3380, 0.4118, 0.3256



18.5859, 0.4467, 0.3250



17.1146, 0.3951, 0.3771



5.4269, 0.3276, 0.3283



5.1735, 0.6348, 0.3271



0.0499, 0.6106, 0.3137

Inverse Universe

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



12.3380, 0.4118, 0.3256



18.5859, 0.4467, 0.3250



15.8542, 0.2487, 0.2747



5.4269, 0.3276, 0.3283



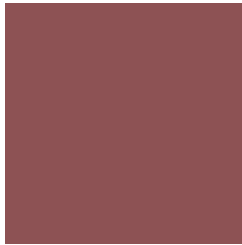
5.1735, 0.6348, 0.3271



0.0499, 0.6106, 0.3137

Previews

White Background



This preview shows how the Yxy color 12.3374, 0.4118, 0.3256 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 12.3374, 0.4118, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

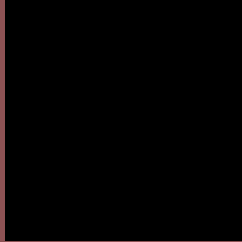
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.3374, 0.4118, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 12.3374, 0.4118, 0.3256.



This preview shows how white text looks on a background with the Yxy color 12.3374, 0.4118, 0.3256.

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

12.3374, 0.4118, 0.3256

Protanopia

12.5388, 0.3256, 0.3426

Deuteranopia

12.4385, 0.3641, 0.3570



Tritanopia

12.2357, 0.4071, 0.3183

Trichromacy



Original Color

12.3374, 0.4118, 0.3256

Protanomaly

12.2799, 0.3541, 0.3355

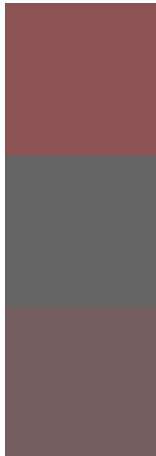
Deuteranomaly

12.2219, 0.3802, 0.3435

Tritanomaly

12.2195, 0.4089, 0.3202

Monochromacy



Original Color

12.3374, 0.4118, 0.3256

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.2817, 0.3462, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.3374, 0.4118, 0.3256 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(141, 82, 84)` looks like.

```
.text, #text, p{  
  color:rgb(141, 82, 84)  
}
```

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(141, 82, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 82, 84) }
```

Border

The CSS property to change the border of an element to Yxy 12.3374, 0.4118, 0.3256 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(141, 82, 84) }
```

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

```
.border{ border-color:rgb(141, 82, 84) }
```

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

Here you see how a box with a 4 pixel rgb(141, 82, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 82, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 82, 84);  
box-shadow:4px 4px 4px 4px rgb(141, 82,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 12.3374, 0.4118, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 82, 84) }
```

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

```
.background{ background-color: rgb(141, 82,  
84) }
```

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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