

Converting Colors

$Y_{xy}(12.1502, 0.4329, 0.3387)$

Have a look what the booklet for
Yxy(12.1502, 0.4329, 0.3387)
contains.

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Color

Yxy(12.0850, 0.4329, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	8F504B
RGB	143, 80, 75
RGB Percent	56%, 31%, 29%
CMY	0.4393, 0.6862, 0.7059
CMYK	0.00, 0.44, 0.48, 0.44
HSL	4°, 31%, 43%
HSV	4°, 48%, 56%
XYZ	15.4644, 12.0850, 8.1734
YIQ	98.2670, 39.1530, 11.8010

Conversions

Conversions Part 2

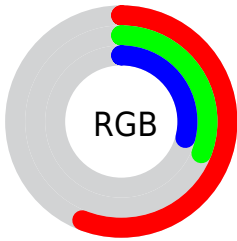
Format	Color
R_{YB}	143, 80, 75
Decimal	9392203
CIE Lab	41.35, 25.76, 14.51
CIE LCh	41, 29.566, 29.397
Yxy	12.0850, 0.4329, 0.3383
Android (android.graphics.Color)	4287582283 (0xFF8F504B)
YUV	98.2670, -11.4706, 39.2308
Hunter-Lab	34.7635, 18.5688, 10.3946

Details

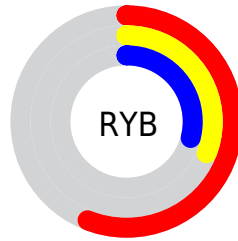
The Yxy color **12.0850, 0.4329, 0.3383** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6461, 0.2497, 0.3190**, and the grayscale version is **12.3065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.5626, 0.4013, 0.3373**, and **3.3105, 0.4962, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **10.1591, 0.4734, 0.3398**, and if you desaturate by 10%, it is **14.4385, 0.3979, 0.3364**.

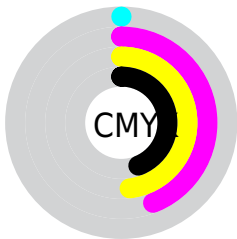
Distribution



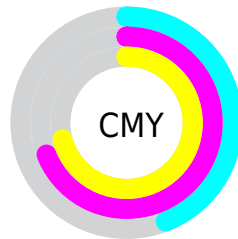
- Red (56%)
- Green (31%)
- Blue (29%)



- Red (56%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (48%)
- Black (44%)




- Cyan (44%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 12.0850, 0.4329, 0.3383 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 12.0850, 0.4329, 0.3383 by changing the saturation by 10% instead.


 12.0850, 0.4329,
0.3383


 12.0850, 0.4329,
0.3383


204.9672, 0.3589,
0.3352


 6.8016, 0.4582,
0.3375


 29.6498, 0.4016,
0.3380


 3.3383, 0.4962,
0.3345

 42.7000, 0.3913,
0.3375

 1.3108, 0.5752,
0.3345

 59.1079, 0.3831,
0.3371

 0.1496, 0.8375,
0.1625

 79.2580, 0.3764,
0.3366

 0.0000, 0.0000,
0.0000

 103.5345, 0.3709,
0.3362

132.3220, 0.3663,

0.3358

166.0048, 0.3623,
0.3355

■ 12.0850, 0.4329,
0.3383

■ 12.0850, 0.4329,
0.3383

■ 10.1591, 0.4734,
0.3398

■ 14.4385, 0.3979,
0.3364

■ 8.6333, 0.5175,
0.3405

■ 17.2410, 0.3686,
0.3344

■ 7.4800, 0.5616,
0.3400


■ 20.5151, 0.3446,
0.3323


■ 6.6671, 0.5997,
0.3381

■ 24.2809, 0.3250,
0.3304


■ 6.1547, 0.6271,
0.3357


■ 28.5577, 0.3091,
0.3286

 6.0675, 0.6329,
0.3357

 33.3634, 0.2961,
0.3269

 38.7154, 0.2855,
0.3254

 44.6301, 0.2767,
0.3241

 51.1232, 0.2694,
0.3229

Harmonies

Analogous

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



12.0850, 0.3885, 0.2913



12.0850, 0.4329, 0.3383



12.0850, 0.4397, 0.3875

Triad

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



12.0850, 0.4329, 0.3383



12.0850, 0.2920, 0.4256



12.0850, 0.2185, 0.2308

Complementary

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



12.0850, 0.4329, 0.3383



21.6461, 0.2497, 0.3190

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.



12.0850, 0.1992, 0.2531



12.0850, 0.4329, 0.3383



12.0850, 0.2378, 0.3667

Square

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



12.0850, 0.4329, 0.3383



12.0850, 0.3550, 0.4478



12.0850, 0.2055, 0.3007



12.0850, 0.2618, 0.2321

Rectangle

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



12.0850, 0.4329, 0.3383



12.0850, 0.4231, 0.4170



12.0850, 0.2055, 0.3007



12.0850, 0.2093, 0.2354

Sweetspot

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



12.0856, 0.4329, 0.3383



38.8441, 0.3378, 0.3317



12.7181, 0.3246, 0.2236



8.6163, 0.3418, 0.3321



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.



12.0856, 0.4329, 0.3383



17.9967, 0.4762, 0.3399



18.2736, 0.4031, 0.3969



5.4841, 0.3280, 0.3307



5.3799, 0.6324, 0.3361



0.0616, 0.5992, 0.3624

Inverse Universe

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



21.6461, 0.2497, 0.3190



37.2269, 0.2395, 0.3164



13.4715, 0.2370, 0.2484



6.0492, 0.2990, 0.3273



16.4653, 0.2184, 0.3064



0.1706, 0.2218, 0.3184

Previews

White Background



This preview shows how the Yxy color 12.0850, 0.4329, 0.3383 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 12.0850, 0.4329, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

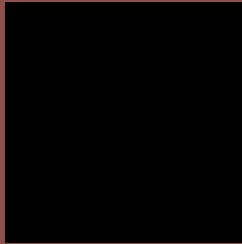
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 12.0850, 0.4329, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 12.0850, 0.4329, 0.3383.



This preview shows how white text looks on a background with the Yxy color 12.0850, 0.4329, 0.3383.

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

12.0850, 0.4329, 0.3383

Protanopia

12.2435, 0.3419, 0.3632

Deuteranopia

12.1995, 0.3805, 0.3741



Tritanopia

12.1613, 0.4188, 0.3204

Trichromacy



Original Color

12.0850, 0.4329, 0.3383

Protanomaly

11.9129, 0.3746, 0.3525

Deuteranomaly

12.0748, 0.3993, 0.3595

Tritanomaly

12.1153, 0.4244, 0.3258

Monochromacy



Original Color

12.0850, 0.4329, 0.3383

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

11.7978, 0.3517, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 12.0850, 0.4329, 0.3383 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, 80, 75)` looks like.

```
.text, #text, p{  
  color:rgb(143, 80, 75)  
}
```

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, 80, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 80, 75) }
```

Border

The CSS property to change the border of an element to Yxy 12.0850, 0.4329, 0.3383 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, 80, 75) }
```

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

```
.border{ border-color:rgb(143, 80, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 80, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 80, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 80, 75);  
box-shadow:4px 4px 4px 4px rgb(143, 80,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 12.0850, 0.4329, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 80, 75) }
```

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

```
.background{ background-color: rgb(143, 80,  
75) }
```

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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