

Converting Colors

$Y_{xy}(14.8133, 0.4093, 0.3754)$

Have a look what the booklet for
Yxy(14.8133, 0.4093, 0.3754)
contains.

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Color

Yxy(14.8214, 0.4097, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	8A634A
RGB	138, 99, 74
RGB Percent	54%, 39%, 29%
CMY	0.4588, 0.6118, 0.7097
CMYK	0.00, 0.28, 0.46, 0.46
HSL	23°, 30%, 42%
HSV	23°, 46%, 54%
XYZ	16.1799, 14.8214, 8.4908
YIQ	107.8110, 31.2690, 0.4930

Conversions

Conversions Part 2

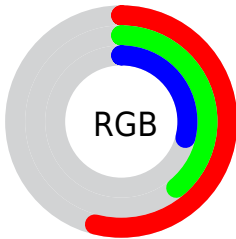
Format	Color
RYB	138, 115, 74
Decimal	9069386
CIELab	45.39, 12.50, 20.40
CIElCh	45, 23.923, 58.493
Yxy	14.8214, 0.4097, 0.3753
Android (android.graphics.Color)	4287259466 (0xFF8A634A)
YUV	107.8110, -16.6688, 26.4758
Hunter-Lab	38.4986, 7.6463, 13.8727

Details

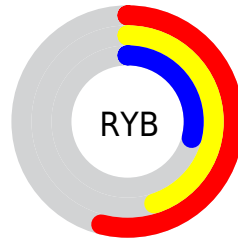
The Yxy color **14.8214, 0.4097, 0.3753** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.1075, 0.2436, 0.2762**, and the grayscale version is **14.9824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5802, 0.3858, 0.3658**, and **4.5282, 0.4549, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **13.1441, 0.4388, 0.3843**, and if you desaturate by 10%, it is **16.7070, 0.3834, 0.3653**.

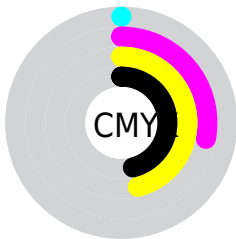
Distribution



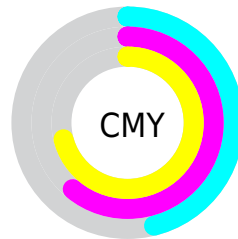
- Red (54%)
- Green (39%)
- Blue (29%)



- Red (54%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (46%)




- Cyan (46%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8214, 0.4097, 0.3753 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 14.8214, 0.4097, 0.3753 by changing the saturation by 10% instead.


 14.8214, 0.4097,
0.3753


 14.8214, 0.4097,
0.3753


222.2826, 0.3519,
0.3498


 8.6941, 0.4282,
0.3821


 34.5396, 0.3859,
0.3656


 4.5422, 0.4547,
0.3904

 48.8992, 0.3779,
0.3620

 1.9813, 0.5046,
0.4072

 66.7719, 0.3714,
0.3591

 0.5966, 0.5939,
0.4061

 88.5418, 0.3661,
0.3566

 0.0000, 0.0000,
0.0000

 114.5934, 0.3617,
0.3545

145.3112, 0.3579,

0.3527

181.0795, 0.3547,
0.3511

■ 14.8214, 0.4097,
0.3753

■ 14.8214, 0.4097,
0.3753

■ 13.1441, 0.4388,
0.3843

■ 16.7070, 0.3834,
0.3653

■ 11.6653, 0.4699,
0.3912

■ 18.8061, 0.3602,
0.3549

■ 10.3772, 0.5017,
0.3949

■ 21.1263, 0.3400,
0.3447

■ 9.2709, 0.5319,
0.3942

■ 23.6741, 0.3225,
0.3349

■ 8.3347, 0.5586,
0.3890

■ 26.4559, 0.3075,
0.3257

■ 8.0302, 0.5683,
0.3869

■ 29.4777, 0.2946,
0.3172

■ 32.7452, 0.2835,
0.3094

■ 36.2641, 0.2739,
0.3022

■ 40.0397, 0.2657,
0.2957

Harmonies

Analogous

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



14.8214, 0.4027, 0.3368



14.8214, 0.4097, 0.3753



14.8214, 0.3888, 0.4061

Triad

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



14.8214, 0.4097, 0.3753



14.8214, 0.2569, 0.3591



14.8214, 0.2728, 0.2529

Complementary

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



14.8214, 0.4097, 0.3753



15.1075, 0.2436, 0.2762

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.



14.8214, 0.2389, 0.2532



14.8214, 0.4097, 0.3753



14.8214, 0.2301, 0.3104

Square

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



14.8214, 0.4097, 0.3753



14.8214, 0.2996, 0.4010



14.8214, 0.2240, 0.2725



14.8214, 0.3201, 0.2696

Rectangle

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



14.8214, 0.4097, 0.3753



14.8214, 0.3631, 0.4168



14.8214, 0.2240, 0.2725



14.8214, 0.2597, 0.2510

Sweetspot

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



14.8221, 0.4097, 0.3753



38.1301, 0.3362, 0.3426



11.5073, 0.3575, 0.2581



8.3692, 0.3397, 0.3445



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.



14.8221, 0.4097, 0.3753



22.9367, 0.4413, 0.3849



22.0067, 0.3842, 0.4276



5.3480, 0.3271, 0.3376



7.3894, 0.5677, 0.3874



0.0761, 0.4975, 0.4432

Inverse Universe

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



15.1075, 0.2436, 0.2762



23.4802, 0.2289, 0.2612



9.2496, 0.2313, 0.2059



5.3662, 0.2991, 0.3203



7.5423, 0.1888, 0.1995



0.0787, 0.2065, 0.2633

Previews

White Background



This preview shows how the Yxy color 14.8214, 0.4097, 0.3753 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 14.8214, 0.4097, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

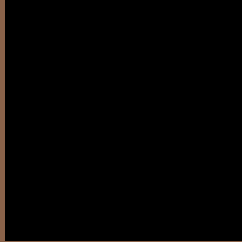
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8214, 0.4097, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 14.8214, 0.4097, 0.3753.



This preview shows how white text looks on a background with the Yxy color 14.8214, 0.4097, 0.3753.

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

14.8214, 0.4097, 0.3753

Protanopia

14.9882, 0.3640, 0.3914

Deuteranopia

14.8487, 0.3941, 0.3874



Tritanopia

14.8064, 0.3735, 0.3165

Trichromacy



Original Color

14.8214, 0.4097, 0.3753

Protanomaly

14.9241, 0.3794, 0.3851

Deuteranomaly

14.8893, 0.3995, 0.3845

Tritanomaly

14.7139, 0.3873, 0.3366

Monochromacy



Original Color

14.8214, 0.4097, 0.3753

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.8696, 0.3451, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8214, 0.4097, 0.3753 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, 99, 74)` looks like.

```
.text, #text, p{  
    color:rgb(138, 99, 74)  
}
```

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, 99, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 99, 74) }
```

Border

The CSS property to change the border of an element to Yxy 14.8214, 0.4097, 0.3753 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, 99, 74) }
```

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

```
.border{ border-color:rgb(138, 99, 74) }
```

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

Here you see how a box with a 4 pixel rgb(138, 99, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 99, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 99, 74);  
box-shadow:4px 4px 4px 4px rgb(138, 99,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8214, 0.4097, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 99, 74) }
```

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

```
.background{ background-color: rgb(138, 99,  
74) }
```

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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